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THE COST OF CLEAN WATER AND IT'S ECONOMIC IMPACT. VOLUME II. APPENDIX

Federal Water Pollution Control Administration
Washington, D. C.

10 January 1969

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THE COST OF CLEAN WATER AND ITS ECONOMIC IMPACT

Volume II

APPENDIX

March 3, 1849

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Federal Water Pollution Control Administration

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INTRODUCTION

The 1968 Inventory of Municipal Waste Facilities will when completed provide a current assessment of what progress the nation is making toward providing waste treatment for all of its sewered population. At this writing the 1968 inventory is only partially complete. The raw basic data are in but there still remains the task of verifying and checking the individual State material. For the analyses in Volume I, 1968 data for five States - Arkansas, Iowa, New Jersey, New York, and Pennsylvania were not available. Since the data for 1968 are subject to verification and change, caution should be exercised in using any individual State data. As soon as the inventory has been completely checked the data will be published by FWPCA as in previous years.

Comments from State Agencies and Industrial Organizations on The Cost of Clean Water

Copies of last year's study, The Cost of Clean Water, were distributed to the various State water pollution control agencies through FWPCA's regional offices. Although comments were requested from all recipients, only 27 States or agencies replied. Table A-1 summarizes their comments and their individual replies are included on pages 468 through 511.

FWPCA also asked several industrial organizations for their comments on last year's report. Their replies are included on pages 514 through 541.

The tables developed for this volume are based on the 1962 Inventory of Municipal Waste Facilities, preliminary data for the 1968 Inventory of Municipal Waste Facilities, and Contract Awards data covering sewerage construction for the period 1962-1967, inclusive.

These tables were prepared to provide an insight into the progress achieved between January 1, 1962 and January 1, 1968; the dates of the 1962 and 1968 Municipal Waste Facilities Inventories. FWPCA hopes the information developed here becomes part of the analytical base for further studies that will be conducted by many individuals in the water resources area, especially in private research agencies, and in academic institutions. The information also should provide useful guides to industrial manufacturing concerns as to those markets with the greatest sales potential.

TABLE A-1

SUMMARY OF STATE COMMENTS TO 1968 REPORT

	FWPCA ESTIMATE			GENERAL COMMENTS ONLY	NO REPLY
	HIGH	LOW	REASONABLE		
Alabama					X
Alaska		X			
Arizona			X		
Arkansas					X
California			X		
Colorado				X	
Connecticut				X	
Delaware				X	
District of Columbia		X			
Florida					X
Georgia					X
Hawaii		X			
Idaho					X
Illinois		X			
Indiana					X
Iowa					X
Kansas				X	
Kentucky					X
Louisiana					X
Maine		X			
Maryland			X		
Massachusetts		X			
Michigan					X
Minnesota					X
Mississippi					X
Missouri			X		
Montana					X
Nebraska					X
Nevada				X	
New Hampshire		X			
New Jersey		X			
New Mexico					X
New York		X			
North Carolina			X		
North Dakota			X		
Ohio					X
Oklahoma		X			
Oregon					X
Pennsylvania			X		
Rhode Island					X
South Carolina				X	
South Dakota		X			
Tennessee					X
Texas					X
Utah	X				
Vermont		X			
Virginia					X
Washington					X
West Virginia					X
Wisconsin					X
Wyoming	X				

To facilitate use, the tables are presented in three sections. All the United States summary tables appear in the first series. These are followed by State tables with all the available tables for each State included. As indicated above a complete set of tables for all States was not compiled because the 1968 data for some States were not available. The last series of tables cover the major river basins. As for each State, a similar set of tables was prepared except for data on contract awards and the implementation plans summary. The river basin breakdown used for the tables is shown in Figure A-1.

A glossary of terms used in the tables appears on page 8.

TABLE A-2
1962 Municipal Waste Inventory

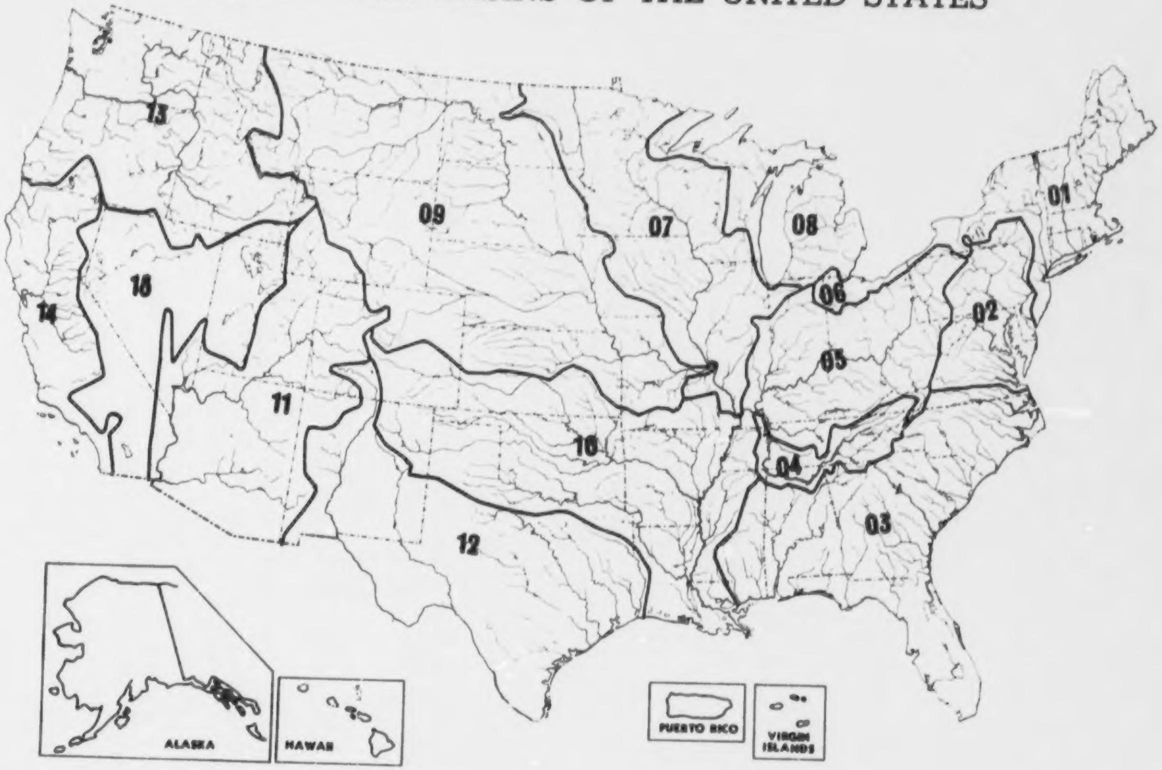
This table shows the type of treatment and population served as indicated in the 1962 inventory. The data have been arrayed by the size of community providing the treatment. The 1960 census population of the community was used in all cases. If the community did not have a defined census population, the information was listed in the unknown category shown in the table. In most instances, these "communities" are sanitary districts created to provide the necessary waste treatment services to a geographical area which may be either part of a political subdivision (i.e., city, town, etc.) or may cross over several political boundaries. In the future an attempt will be made to associate as many "unknown communities" as possible in their proper population size categories.

Tables A-2A and 2B present the same information on an individual State and river basin basis, respectively.

TABLE A-3
Contract Awards 1962-1967

FWPCA obtains and records, as part of its basic data program, information relating to contracts awarded in three types of public works construction - sewage treatment works, collecting sewers, and waterworks. These data provide a continuing and ready reference as to how successfully the national needs in municipal pollution control are being met through construction of the necessary physical facilities. Table A-3 presents the accumulated expenditures for sewage treatment works and collecting sewers for the period 1962 through 1967. Data for the year 1967 are preliminary. Generally, except for the miscellaneous category, the various classes of construction activity are self- explanatory. The miscellaneous category includes those contracts which cover more than one of the major categories listed except sewers.

MAJOR RIVER BASINS OF THE UNITED STATES



01 NORTHEAST
02 NORTH ATLANTIC
03 SOUTHEAST
04 TENNESSEE RIVER
05 OHIO RIVER
06 LAKE ERIE
07 UPPER MISSISSIPPI
08 WESTERN GREAT LAKES
09 MISSOURI RIVER
10 SOUTHWEST–LOWER MISS.
11 COLORADO RIVER
12 WESTERN GULF
13 PACIFIC NORTHWEST
14 CALIFORNIA
15 GREAT BASIN
16 ALASKA
17 HAWAII
18 PUERTO RICO
19 VIRGIN ISLANDS

Figure A-1

The population size groups in this table do not refer to population served as in several other tables. They represent the size of the community in which the contracts were awarded. The contracts which fall into the unknown group involve mostly schools, hospitals, military bases, and parks.

Table A-3A provides the contract awards information for the 1962-1967 period on an individual State basis.

TABLE A-4
1968 Municipal Waste Inventory

Table A-4 includes the same basic information for 1968 as Table A-2 did for 1962.

Tables A-4A and 4B present the 1968 data on an individual State and river basin basis, respectively.

TABLE A-5
Ratio of Design Loading/Domestic Loading

Perhaps the most interesting of the tables included in this volume are the two ratio tables, A-5 and A-6. These tables are of particular importance in that they raise many questions which will require further breakdown and analysis of the data.

During the analysis the question came up as to how much capacity exists or is built into the nation's waste treatment plants. This table presents the ratio of the design population to the population served. For example, if a waste treatment plant was designed for 1000 persons and is serving 1000 persons, the ratio would be 1.0; if designed for 1200 and serving 1000, the ratio would be 1.2 and so forth.

Time did not permit an analysis of the data to determine which factors exert the most influence on design size. Some of the factors to be explored are the necessities for: (a) providing for population growth only, (b) providing for combined sewer system overflows, and (c) accommodating industrial discharges.

Tables A-5A and 5B show the data on a State and river basin basis, respectively.

TABLE A-6
Ratio of Indicated Loading/Domestic Loading

This table provides a beginning analysis of the measure or impact of industrial discharges to municipal waste treatment plants. The data used to determine the ratio were the actual average daily conditions reported in the 1968 inventory survey.

For example, if the waste stream entering the plant is based on the normal wasteload for 1000 persons and the population served was also 1000 persons the ratio would be 1.0. This would be interpreted as an indication of no industrial wastewater discharges to municipal facilities. Ratios above 1.0 may be indicative of some discharge of industrial wastes to municipal sewers with increases in the ratio increasing the likelihood that industrial wastes were being treated in the municipal treatment plant.

Tables A-6A and 6B reflect the data on an individual State and river basin, respectively.

TABLE A-7
Joint Treatment Facilities

This table was prepared to examine the extent to which communities join together to provide waste treatment services.

The number and size of the communities providing waste treatment to others are shown in the upper section of the table. In the lower part the number and size of the communities receiving waste treatment services are shown. Because of inconsistencies between the 1962 and 1968 inventories regarding joint treatment, the data presented here are based on the 1962 Inventory only.

The table may be interpreted as follows:

For category 6, population 25,000 - 49,999 range, there are 62 communities providing waste treatment services to others. Thirty-seven provide secondary treatment, 24 provide primary treatment, and one provides no treatment. The total population served is 2,341,502. These 62 communities perform this service for 107 communities with a total population served of 833,788. The 107 communities range in size from category 1 to category 7. (Note: For the 1962 Inventory, only eight population size groups were used. Communities with a population of 100,000 and over which provide waste treatment for others fall in category 8).

Tables A-7A and 7B show the data on an individual State and river basin basis, respectively.

TABLE A-8
Implementation Plans Summary

The implementation plans submitted with the State Water Quality Standards generally set forth the State's proposed plan to accomplish the Standards applicable to interstate and coastal waters. The data were organized into a standard format for ease in processing and assessing progress in future years. Because of problems encountered, all of the information was not available for analysis. Therefore, caution should be used in evaluation of this material on an individual State basis.

Data for the individual States are shown in Tables A-8A.

GLOSSARY

Community - a named place to which a census population was attached.

Communities Served - a named place receiving waste treatment.

Design Loading - the waste flow, in terms of average water volume on oxygen demand for which a facility was designed.

Domestic Loading - the calculated waste flow or oxygen demand for a human population of the size known to be connected to a facility.

Facility - a treatment plant or, in the case of raw discharge, the collection system.

Indicated Loading - the actual waste flow or oxygen demand from all sources (i.e., people, industry, and all other connected sources) served by a facility.

No Treatment - includes collection systems discharging raw waste or discharging wastes after minor treatment only, such as screening and/or grit removal.

Primary Treatment - removal of solids by settling and skimming, includes "intermediate" treatment where chemicals are added to facilitate the process.

Secondary Treatment - biological stabilization of organic solids in solution or suspension, including oxidation ponds and tertiary or advanced waste treatment.

UNITED STATES SUMMARY TABLES

TABLE A-2

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

UNITED STATES

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	88	66	5,422,070	257	165	4,997,805	24	1,043,065
<=500	287	257	1,126,116	710	612	214,911	206	66,328
500-1000	423	402	275,799	959	897	864,111	403	279,931
1000-2500	798	710	1,100,112	1,603	1,448	2,415,684	709	984,491
2500-5000	423	365	1,127,463	1,061	930	3,298,841	320	1,006,203
5000-10000	270	230	1,448,131	819	698	4,827,306	207	1,271,873
10000-25000	227	204	3,211,197	681	491	7,440,426	119	1,850,035
25000-50000	114	90	3,600,829	212	145	5,329,257	36	1,082,125
50000-100000	51	40	2,794,180	100	64	4,580,580	23	1,646,110
100000-250000	41	22	3,756,309	63	34	4,854,605	14	1,786,140
250000-500000	17	8	3,043,975	58	13	4,271,630	4	1,406,905
>500000	27	8	13,728,640	112	8	18,385,540	3	3,810,700
TOTALS	2,766	2,402	40,634,821	6,635	5,505	61,480,696	2,068	16,233,906

TABLE A-3

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS UNITED STATES

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	1,049	63,775,301	233	14,576,357	35	1,295,258	147	13,388,806
UNDER 500................	1,290	94,357,423	150	16,395,883	279	8,609,913	35	4,262,221
500-1,000................	1,530	137,542,141	217	27,509,150	273	12,258,742	90	6,654,006
1,000-2,500..............	2,867	353,338,323	435	80,000,935	265	19,416,016	199	24,858,052
2,500-5,000..............	2,501	385,766,571	274	79,151,644	106	9,576,696	217	36,951,614
5,000-10,000.............	3,160	588,342,140	227	113,289,598	75	9,758,343	268	75,723,627
10,000-25,000............	4,513	722,460,382	175	108,249,515	49	8,011,074	318	91,256,412
25,000-50,000............	2,850	520,040,993	95	72,083,498	19	3,263,746	168	81,092,947
50,000-100,000...........	2,631	480,669,932	87	76,908,107	21	3,255,685	136	58,695,036
100,000-250,000..........	2,604	480,876,538	65	56,256,776	11	1,322,524	121	80,511,072
250,000 AND OVER.........	6,120	1,371,278,289	98	170,862,043	16	2,040,390	300	173,213,686
TOTAL....................	31,115	5,198,448,033	2,056	815,283,506	1,149	78,808,387	1,999	646,607,479

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	23	4,439,109	28	2,033,128	66	3,553,592	517	24,489,051
UNDER 500................	76	7,211,361	43	2,107,255	171	10,033,780	536	45,737,010
500-1,000................	142	11,284,948	73	3,972,991	199	14,411,387	536	61,450,917
1,000-2,500..............	339	43,083,285	94	6,436,549	307	36,722,601	1,228	142,820,885
2,500-5,000..............	255	52,341,213	87	11,702,087	224	39,129,298	1,338	156,914,019
5,000-10,000.............	289	86,209,933	80	11,016,583	230	41,039,902	1,991	251,304,154
10,000-25,000............	341	103,343,050	95	19,846,236	263	63,723,717	3,272	328,030,378
25,000-50,000............	223	89,639,498	73	22,414,327	146	35,276,877	2,126	216,270,100
50,000-100,000...........	235	109,908,609	55	13,001,512	132	35,456,740	1,965	183,444,243
100,000-250,000..........	177	84,698,875	53	16,785,158	114	37,081,639	2,063	204,220,494
250,000 AND OVER.........	437	369,882,885	173	57,776,351	180	105,076,645	4,916	492,426,289
TOTAL....................	2,537	962,042,766	854	167,092,177	2,032	421,506,178	20,488	2,107,107,540

TABLE A-4

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

UNITED STATES

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	210	132	9,517,723	1,135	722	11,721,374	45	638,485
<=500	258	240	597,351	1,292	1,205	1,809,617	253	78,855
500-1000	351	338	250,551	1,509	1,434	1,120,949	322	224,104
1000-2500	585	525	877,989	2,201	2,047	3,574,638	457	631,916
2500-5000	359	314	1,152,148	1,344	1,143	4,481,444	201	662,628
5000-10000	276	235	2,669,685	970	807	6,181,941	114	1,451,044
10000-25000	248	216	3,630,570	744	524	8,912,606	69	1,120,880
25000-50000	101	77	2,958,290	270	169	6,801,525	20	757,300
50000-100000	50	44	3,454,770	154	71	6,081,542	8	743,105
100000-250000	35	16	4,001,880	77	32	6,696,913	9	1,094,570
250000-500000	13	8	3,332,950	70	9	4,260,270	1	852,125
>500000	17	6	12,723,405	81	8	18,725,580	2	2,054,400
TOTALS	2,503	2,151	45,167,312	9,847	8,171	90,458,399	1,501	10,310,321

TABLE A-5

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

U N I T E D   S T A T E S

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1416	1889	50	345	208	205	172	115	125	155	89	61	43	321
500-1000	1587	1870	65	406	255	232	206	139	114	154	93	39	42	125
1000-2500	2379	2755	107	536	308	376	331	213	197	275	111	88	48	165
2500-5000	1320	1495	81	282	210	194	150	123	92	148	68	38	30	79
5000-10000	999	1128	52	207	134	127	123	99	94	112	80	28	23	49
10000-25000	773	861	39	130	87	107	106	69	69	99	55	39	19	42
25000-50000	283	314	10	55	34	38	30	35	32	35	25	8	5	7
50000-100000	161	188	6	27	13	24	15	21	20	32	12	5	7	6
100000-250000	85	97	8	11	6	4	11	9	8	18	10	4	3	5
250000-500000	28	33	2	3	3	2	2	3	2	8	3	3	0	2
>500000	24	32	2	5	2	3	6	2	5	5	1	0	0	1
TOTALS	9055	10662	422	2007	1260	1312	1152	828	758	1041	547	313	220	802

TABLE A-6

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

U N I T E D   S T A T E S

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1607	2133	531	836	168	93	70	46	53	70	29	21	17	199
500-1000	1740	2061	548	813	169	99	96	67	54	67	28	21	16	83
1000-2500	2571	2986	517	1300	258	197	136	115	88	131	64	42	31	107
2500-5000	1402	1589	250	681	193	118	83	64	47	64	30	14	12	33
5000-10000	1067	1204	152	484	158	95	91	57	50	47	25	13	10	22
10000-25000	815	912	92	341	141	93	69	42	34	53	12	11	7	17
25000-50000	298	330	29	124	57	25	31	20	13	16	9	5	0	1
50000-100000	168	195	15	65	25	21	20	11	13	14	6	4	1	0
100000-250000	90	102	10	30	11	13	15	6	3	10	3	0	1	0
250000-500000	29	35	4	5	5	3	6	4	6	1	1	0	0	0
>500000	27	37	2	9	4	6	4	3	3	3	1	1	0	1
TOTALS	9814	11584	2150	4688	1189	763	621	435	364	476	208	132	95	463

RUN DATE 68/12/17 TABLE A-7 PRELIMINARY

UNITED STATES

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		12	12	86	81	108	62	62	97	0	0	520	0
NO TREATMENT		2	3	8	9	10	1	5	13	0	0	51	3639933
PRIMARY		3	2	32	24	39	24	25	41	0	0	190	25924316
SECONDARY		7	7	46	48	59	37	32	43	0	0	279	24186407
POPULATION SERVED		6900	17230	310835	629980	2121685	2341502	4592265	43730259	0	0	0	53750656
SERVED COMM./FAC.		9	14	110	107	182	107	159	872	0	0	1560	0
BELOW 500	1*	8	4	33	15	13	9	13	42	0	0	137	38724
500 - 999	2*	1	5	22	16	24	7	15	40	0	0	130	96570
1000 - 4999	3*	0	3	44	44	81	38	60	194	0	0	464	1156616
5000 - 9999	4*	0	1	9	22	23	27	27	158	0	0	267	1698899
10000 - 24999	5*	0	1	0	7	33	16	29	235	0	0	321	4139265
25000 - 49999	6*	0	0	2	3	5	8	10	115	0	0	143	4135486
50000 - 99999	7*	0	0	0	0	3	2	4	65	0	0	74	4544044
100000 - 249999	8*	0	0	0	0	0	0	1	13	0	0	14	1498655
250000 - 499999	9*	0	0	0	0	0	0	0	8	0	0	8	2480165
500000 AND ABOVE	0*	0	0	0	0	0	0	0	2	0	0	2	4290405
POPULATION SERVED		3525	33065	201306	388132	1056085	833788	1252400	20310528	0	0	0	24078829

CI= 13299:

TABLE A-8

UNITED STATES
(36 State Total Only)

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	12	203	15	5	25	28	63	13	8	7	5	3	300
< 500		109	31	9	30	10	28	9	3	1			204
500-1000	12	96	56	5	48	8	66	8		3	1	4	265
1000-2500	7	142	92	9	87	15	129	7	3	9	4	4	441
2500-5000	5	55	53	4	47	18	65	18	2	8	5	18	246
5000-10000	6	44	42	3	51	13	63	8	5	3	1	15	221
10000-25000	4	41	56	8	43	13	62	7	2	6	1	9	205
25000-50000	3	9	22	3	25	8	25	4	8	4		3	80
50000-100000	2	7	8	1	10	5	9	4	1	3	2	1	36
100000-250000	1	5	9		4	5	12			2		4	22
250000-500000	1		3		2	3	6	2				1	8
> 500000	1	4	6		4	6	7						13
Total	54	715	393	47	376	132	535	80	32	46	19	62	2041
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													294
1969													283
1970													315
1971													168
1972													386
1973 or later													312
Date not given													756
Total Projects													2514

STATE TABLES

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

ALABAMA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	1	460,000	3	0	50,500	0	0
<=500	2	2	600	2	2	1,900	2	475
500-1000	11	10	6,450	1	1	800	2	1,050
1000-2500	27	24	23,980	8	5	7,660	16	18,020
2500-5000	14	9	16,830	17	14	36,700	17	41,078
5000-10000	3	3	12,200	17	14	82,500	6	32,200
10000-25000	3	2	17,000	17	9	91,600	1	12,000
25000-50000	3	3	80,000	4	2	65,500	2	36,800
50000-100000	2	1	50,500	1	1	45,000	1	54,000
100000-250000	1	0	44,000	5	1	137,700	1	68,000
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	69	55	711,560	75	49	519,860	48	263,623

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS A L A B A M A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	10	359,764	3	119,321	2	56,280	1	3,175
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	15	704,814	1	34,606	6	241,687	0	0
1,000-2,500..............	37	3,224,356	4	396,372	6	277,346	0	0
2,500-5,000..............	48	9,520,834	4	1,329,636	9	698,757	1	311,870
5,000-10,000.............	32	4,841,378	1	376,294	5	448,211	1	415,030
10,000-25,000............	36	7,285,430	3	1,596,213	4	975,645	1	135,660
25,000-50,000............	30	9,246,036	1	944,400	0	0	2	873,219
50,000-100,000...........	26	16,904,010	4	8,606,494	0	0	0	0
100,000-250,000..........	63	13,978,757	1	742,340	0	0	4	1,102,696
250,000 AND OVER.........	40	7,101,792	0	0	0	0	0	0
TOTAL....................	337	73,167,171	22	14,145,676	32	2,697,926	10	2,841,650

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	10,583	1	113,989	2	56,416
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	0	0	5	237,509	1	64,910	2	126,102
1,000-2,500..............	2	148,897	5	417,640	8	920,124	12	1,063,977
2,500-5,000..............	2	258,427	10	777,174	6	2,078,477	16	4,066,493
5,000-10,000.............	2	147,029	5	846,926	3	642,223	15	1,965,665
10,000-25,000............	0	0	7	2,630,289	3	353,836	18	1,593,787
25,000-50,000............	2	1,213,705	3	1,501,280	4	2,263,830	18	2,449,602
50,000-100,000...........	3	3,760,035	1	97,306	1	237,260	17	4,202,915
100,000-250,000..........	3	1,514,934	10	3,991,637	3	1,283,556	42	5,343,594
250,000 AND OVER.........	3	491,890	4	268,675	0	0	33	6,341,227
TOTAL....................	17	7,534,917	51	10,779,019	30	7,958,205	175	27,209,778

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

ALABAMA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	4	2	734,500	6	2	51,520	0	0
<=500	4	4	1,525	3	3	5,500	1	250
500-1000	9	8	6,410	11	9	10,520	3	1,850
1000-2500	21	17	20,780	27	18	30,804	12	19,370
2500-5000	14	7	12,680	25	20	59,908	13	35,798
5000-10000	3	3	26,500	21	17	124,500	5	31,100
10000-25000	2	1	9,300	22	10	129,793	1	12,000
25000-50000	4	3	93,100	4	2	38,000	2	35,300
50000-100000	2	1	75,500	4	2	198,102	0	0
100000-250000	0	0	0	6	1	262,500	1	155,000
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	63	46	980,295	129	84	911,147	38	290,668

TABLE A-5A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ALABAMA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	8	19	0	4	0	2	0	3	4	0	2	2	0	2
500-1000	24	39	4	5	3	5	4	4	7	1	2	2	2	0
1000-2500	34	45	4	3	2	8	4	4	3	8	1	0	1	7
2500-5000	20	27	1	3	5	2	3	2	1	4	1	2	0	3
5000-10000	21	23	0	3	0	1	7	2	1	3	1	0	2	3
10000-25000	12	15	0	2	1	2	4	2	1	1	1	1	0	0
25000-50000	4	5	0	0	1	2	0	0	0	1	1	0	0	0
50000-100000	2	5	0	1	0	0	2	1	0	1	0	0	0	0
100000-250000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
250000-500000	2	2	1	0	1	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	128	181	10	22	13	22	24	18	17	19	9	7	5	15

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ALABAMA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	11	24	4	15	1	1	0	0	0	1	0	0	0	2
500-1000	27	43	3	37	2	0	0	0	1	0	0	0	0	0
1000-2500	38	51	5	40	0	1	0	1	0	1	0	1	1	1
2500-5000	20	27	5	16	0	0	1	0	1	0	0	1	0	3
5000-10000	22	25	0	17	1	1	3	0	0	1	0	0	0	2
10000-25000	12	15	2	9	2	1	0	0	0	1	0	0	0	0
25000-50000	4	5	1	1	2	0	0	0	0	1	0	0	0	0
50000-100000	2	5	0	4	1	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	0	0	1	0	0	0	0	0	0	0	0
250000-500000	2	2	1	1	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	139	198	21	140	9	5	4	1	2	5	0	2	1	8

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

A L A B A M A
JOINT TREATMENT FACILITIES
1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	2	1	1	2	0	2	0	0	8	0
NO TREATMENT		0	0	1	0	0	0	0	0	0	0	1	3528
PRIMARY		0	0	0	0	1	0	0	2	0	0	3	460000
SECONDARY		0	0	1	1	0	2	0	0	0	0	4	86500
POPULATION SERVED		0	0	6528	7500	10000	76000	0	450000	0	0	0	550028
SERVED COMM./FAC.		0	1	1	0	1	4	0	7	0	0	14	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	1	0	0	0	0	1	360
1000 - 4999	3*	0	1	0	0	0	1	0	4	0	0	6	16180
5000 - 9999	4*	0	0	1	0	1	0	0	0	0	0	2	12000
10000 - 24999	5*	0	0	0	0	0	2	0	1	0	0	3	42000
25000 - 49999	6*	0	0	0	0	0	0	0	1	0	0	1	30000
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	1	0	0	1	335000
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	3530	4500	0	7500	30760	0	389250	0	0	0	435540

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

ALASKA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	6	1,375
500-1000	0	0	0	0	0	0	4	2,440
1000-2500	0	0	0	0	0	0	5	5,805
2500-5000	0	0	0	0	0	0	2	5,200
5000-10000	0	0	0	0	0	0	2	12,800
10000-25000	1	1	10,000	0	0	0	0	0
25000-50000	0	0	0	0	0	0	1	24,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	1	1	10,000	0	0	0	20	51,620

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

A L A S K A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	5	158,092	1	24,369	1	61,551	1	6,170
UNDER 500................	1	41,950	1	41,950	0	0	0	0
500-1,000................	3	666,150	1	139,306	0	0	0	0
1,000-2,500..............	5	1,453,453	0	0	0	0	0	0
2,500-5,000..............	1	34,040	0	0	0	0	0	0
5,000-10,000.............	12	2,097,894	0	0	0	0	0	0
10,000-25,000............	3	550,116	0	0	0	0	1	36,506
25,000-50,000............	25	2,789,890	1	10,599	0	0	0	0
50,000-100,000...........	2	262,250	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	57	8,053,835	4	216,224	1	61,551	2	42,676

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	2	66,002
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	0	0	1	152,700	0	0	1	374,144
1,000-2,500..............	1	214,762	1	54,000	1	329,120	2	855,571
2,500-5,000..............	0	0	1	34,040	0	0	0	0
5,000-10,000.............	1	30,450	0	0	0	0	11	2,067,444
10,000-25,000............	1	329,740	0	0	0	0	1	183,870
25,000-50,000............	1	91,708	3	183,288	1	17,926	19	2,486,369
50,000-100,000...........	0	0	0	0	0	0	2	262,250
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	4	666,660	6	424,028	2	347,046	38	6,295,650

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

ALASKA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	3	3	335	0	0	0	6	1,375
500-1000	1	1	760	0	0	0	3	1,680
1000-2500	0	0	0	0	0	0	5	5,805
2500-5000	1	1	2,100	0	0	0	1	3,100
5000-10000	0	0	0	1	0	400	2	12,800
10000-25000	1	1	10,000	0	0	0	0	0
25000-50000	0	0	0	0	0	0	1	24,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	6	6	13,195	1	0	400	18	48,760

TABLE A-5A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ALASKA

	TOTAL COMM. SRVD	TOTAL NO. OF PLANTS	DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF) <= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	1	0	0	0	0	1	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	1	2	0	0	0	0	1	0	0	1	0	0	0	0

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ALASKA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	1	0	1	0	0	0	0	0	0	0	0	0	0
500-1000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
1000-2500	1	1	0	1	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	1	1	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	1	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS:	3	4	1	2	0	0	0	0	0	1	0	0	0	0

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

A L A S K A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

ARIZONA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	2	2	4,000	0	0
<=500	1	1	245	4	3	595	0	0
500-1000	3	3	800	5	5	4,215	0	0
1000-2500	5	1	2,529	14	12	18,395	2	2,600
2500-5000	4	4	13,000	10	6	24,220	1	3,350
5000-10000	4	3	18,700	8	7	63,200	0	0
10000-25000	0	0	0	5	5	57,100	1	20,000
25000-50000	0	0	0	1	1	25,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	1	1	164,700	0	0
250000-500000	0	0	0	2	1	288,000	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	17	12	35,274	52	43	649,425	4	25,950

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

ARIZONA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	11	766,662	2	116,590	1	32,560	1	7,763
UNDER 500................	7	570,711	0	0	0	0	1	10,430
500-1,000................	1	31,069	0	0	1	31,069	0	0
1,000-2,500..............	8	514,584	2	115,427	1	60,446	3	134,783
2,500-5,000..............	6	1,895,225	1	1,212,377	0	0	1	58,785
5,000-10,000.............	6	1,090,211	2	527,600	0	0	0	0
10,000-25,000............	31	4,348,122	0	0	0	0	4	415,626
25,000-50,000............	8	1,105,606	0	0	0	0	0	0
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	42	7,592,322	0	0	0	0	1	2,382,611
250,000 AND OVER.........	110	30,541,482	0	0	0	0	1	5,306,361
TOTAL....................	230	48,455,994	7	1,971,994	3	124,075	12	8,316,359

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	7	609,749
UNDER 500................	0	0	0	0	1	30,256	5	530,025
500-1,000................	0	0	0	0	0	0	0	0
1,000-2,500..............	0	0	0	0	0	0	2	203,928
2,500-5,000..............	1	311,742	0	0	1	286,308	2	26,013
5,000-10,000.............	0	0	0	0	0	0	4	562,611
10,000-25,000............	3	354,641	1	61,054	2	2,368,242	21	1,148,559
25,000-50,000............	0	0	2	814,186	0	0	6	291,420
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	10	3,396,758	0	0	0	0	31	1,812,953
250,000 AND OVER.........	7	3,978,564	8	8,446,508	0	0	94	12,810,049
TOTAL....................	21	8,041,705	11	9,321,748	4	2,684,806	172	17,995,307

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

ARIZONA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	2	2	4,000	0	0
<=500	0	0	0	5	4	840	0	0
500-1000	3	3	800	5	5	4,215	0	0
1000-2500	2	0	350	18	15	21,895	0	1,200
2500-5000	2	2	7,500	13	9	33,770	0	0
5000-10000	0	0	0	12	10	81,900	0	0
10000-25000	0	0	0	5	5	57,100	1	20,000
25000-50000	0	0	0	1	1	25,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	1	1	164,700	0	0
250000-500000	0	0	0	2	1	288,000	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	7	5	8,650	64	53	681,420	1	21,200

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ARIZONA

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	8	10	1	3	0	0	1	1	0	0	0	1	0	3
500-1000	4	6	2	1	1	0	0	0	0	2	0	0	0	0
1000-2500	5	7	0	3	0	0	2	0	0	1	1	0	0	0
2500-5000	10	11	0	2	2	1	2	2	0	1	1	0	0	0
5000-10000	8	8	0	2	0	1	1	1	2	1	0	0	0	0
10000-25000	6	6	0	4	1	0	0	0	1	0	0	0	0	0
25000-50000	2	2	0	0	0	0	0	1	1	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	44	51	3	15	5	2	6	5	4	5	2	1	0	3

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ARIZONA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	14	16	8	6	0	0	0	0	0	0	0	0	0	2
500-1000	6	9	3	5	0	0	0	0	0	0	0	0	1	0
1000-2500	12	14	1	13	0	0	0	0	0	0	0	0	0	0
2500-5000	13	14	2	12	0	0	0	0	0	0	0	0	0	0
5000-10000	8	8	2	6	0	0	0	0	0	0	0	0	0	0
10000-25000	6	6	0	4	0	2	0	0	0	0	0	0	0	0
25000-50000	2	2	0	1	1	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	63	71	17	48	1	2	0	0	0	0	0	0	1	2

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

A R I Z O N A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		1	1	2	3	1	1	0	1	0	0	10	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		1	1	2	3	1	1	0	1	0	0	10	244655
POPULATION SERVED		455	1200	4000	34700	11600	28000	0	164700	0	0	0	244655
SERVED COMM./FAC.		1	1	1	2	0	0	0	2	0	0	7	0
BELOW 500	1*	1	0	0	0	0	0	0	0	0	0	1	375
500 - 999	2*	0	1	0	0	0	0	0	0	0	0	1	700
1000 - 4999	3*	0	0	1	2	0	0	0	0	0	0	3	3700
5000 - 9999	4*	0	0	0	0	0	0	0	1	0	0	1	5000
10000 - 24999	5*	0	0	0	0	0	0	0	1	0	0	1	12000
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		375	700	1000	2700	0	0	0	17000	0	0	0	21775

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

ARKANSAS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	2	2	450	2	2	1,750	0	0
500-1000	11	11	6,880	14	14	10,085	2	1,100
1000-2500	31	30	43,010	14	14	22,385	9	11,900
2500-5000	12	10	25,625	13	13	65,150	5	13,100
5000-10000	11	9	60,600	10	8	53,100	2	8,500
10000-25000	4	1	11,300	8	7	162,550	3	31,200
25000-50000	2	1	25,290	2	1	35,300	1	39,000
50000-100000	0	0	0	0	0	0	2	69,400
100000-250000	0	0	0	1	1	95,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	73	64	173,155	64	60	445,320	24	174,200

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

A R K A N S A S

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	4	409,111	0	0	0	0	0	0
UNDER 500................	12	710,197	0	0	2	47,627	1	6,000
500-1,000................	47	3,105,215	2	314,938	15	491,832	0	0
1,000-2,500..............	58	4,086,846	4	534,334	14	574,572	1	110,601
2,500-5,000..............	38	3,228,024	0	0	9	524,187	2	252,447
5,000-10,000.............	53	10,085,967	4	1,760,342	5	583,913	1	233,108
10,000-25,000............	29	7,891,919	2	2,904,816	2	74,825	2	387,017
25,000-50,000............	10	2,448,235	0	0	1	475,000	0	0
50,000-100,000...........	26	12,597,938	6	5,025,190	0	0	0	0
100,000-250,000..........	23	5,809,571	1	14,000	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	300	50,373,023	19	10,553,620	48	2,771,956	7	989,173

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	294,872	0	0	1	70,851	2	43,388
UNDER 500................	2	147,409	0	0	4	330,711	3	178,450
500-1,000................	9	681,063	1	78,649	13	1,028,209	7	510,524
1,000-2,500..............	14	887,880	0	0	13	1,105,928	12	873,531
2,500-5,000..............	4	515,060	3	180,488	8	931,149	12	824,693
5,000-10,000.............	14	2,718,058	3	246,076	12	2,756,837	14	1,787,633
10,000-25,000............	5	1,741,942	1	17,235	6	1,271,853	11	1,494,231
25,000-50,000............	2	779,005	0	0	1	409,800	6	784,430
50,000-100,000...........	6	6,737,219	0	0	1	423,083	13	412,446
100,000-250,000..........	4	5,259,972	0	0	1	20,000	17	515,599
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	61	19,762,480	8	522,448	60	8,348,421	97	7,424,325

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

ARKANSAS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	90,250	0	0	0	0	42,975
<=500	0	0	0	13	12	5,595	0	0
500-1000	3	3	2,400	47	45	32,590	1	600
1000-2500	8	7	11,350	47	46	69,410	1	1,000
2500-5000	4	4	9,750	29	23	83,025	0	0
5000-10000	4	3	19,500	17	15	112,725	0	0
10000-25000	0	0	0	15	10	152,505	1	33,255
25000-50000	0	0	0	8	3	69,700	0	38,089
50000-100000	3	2	74,400	2	0	14,945	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	23	20	207,650	178	154	540,495	3	115,919

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ARKANSAS

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	4	4	0	0	0	0	0	1	0	0	0	0	0	3
500-1000	8	8	0	0	2	1	0	0	0	1	1	0	1	2
1000-2500	18	18	1	4	3	3	4	1	2	0	0	0	0	0
2500-5000	10	10	0	1	1	0	2	2	1	1	0	0	0	2
5000-10000	5	6	0	2	1	1	0	1	0	1	0	0	0	0
10000-25000	5	5	0	2	0	0	1	0	0	0	0	1	0	1
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	50	51	1	9	7	5	7	5	3	3	1	1	1	8

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ARKANSAS

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	5	0	1	0	0	0	1	0	0	0	0	0	3
500-1000	9	10	1	0	1	1	0	0	0	1	1	0	1	4
1000-2500	21	21	2	5	4	2	5	1	2	0	0	0	0	0
2500-5000	16	16	4	3	2	0	2	2	0	2	0	0	1	0
5000-10000	10	12	0	4	2	2	1	1	0	2	0	0	0	0
10000-25000	9	9	1	5	0	0	0	0	1	1	1	0	0	0
25000-50000	3	3	0	2	1	0	0	0	0	0	0	0	0	0
50000-100000	1	1	0	0	0	1	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	74	77	8	20	10	6	8	5	3	6	2	0	2	7

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

A R K A N S A S

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.		0	0	0	0	0	1	0	0	0	0	1	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	1	0	0	0	0	1	66000
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	66000	0	0	0	0	0	66000

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

CALIFORNIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	11	11	799,275	36	31	295,210	4	4,050
<=500	14	10	4,220	24	20	7,855	4	1,100
500-1000	13	13	17,910	26	24	22,985	2	750
1000-2500	19	14	94,034	83	73	218,212	4	10,100
2500-5000	5	5	15,125	67	63	228,141	2	9,985
5000-10000	8	8	43,900	49	39	343,180	1	8,000
10000-25000	13	12	343,750	54	39	672,935	1	28,500
25000-50000	9	5	511,740	16	10	756,725	0	0
50000-100000	3	3	228,500	12	9	624,050	0	0
100000-250000	3	2	331,800	6	1	144,125	0	450
250000-500000	0	0	0	0	0	0	0	0
>500000	8	3	6,093,795	4	1	257,500	0	0
TOTALS	106	86	8,484,049	377	310	3,570,918	18	62,935

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS　　　　C A L I F O R N I A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	120	4,341,457	13	460,596	2	241,764	25	768,864
UNDER 500................	95	12,673,098	7	1,756,581	3	332,840	9	1,900,969
500-1,000................	62	8,395,333	6	593,195	2	217,441	12	1,083,591
1,000-2,500..............	102	13,511,363	8	1,491,407	3	305,663	17	4,218,090
2,500-5,000..............	161	21,134,626	10	2,811,904	2	247,901	20	1,540,192
5,000-10,000.............	220	33,859,369	4	1,626,237	1	101,748	24	8,925,604
10,000-25,000............	388	55,355,067	13	6,897,824	3	1,256,044	31	15,428,904
25,000-50,000............	256	39,858,417	6	10,884,343	1	115,441	13	6,943,308
50,000-100,000...........	312	28,579,141	6	1,876,946	4	1,725,133	16	3,698,562
100,000-250,000..........	279	24,513,053	1	98,969	1	172,865	8	1,546,128
250,000 AND OVER.........	1,254	156,702,117	16	6,678,928	3	134,122	30	11,885,043
TOTAL....................	3,249	398,923,041	90	35,176,930	25	4,850,962	205	57,939,255

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	487,018	4	366,938	7	260,029	68	1,756,248
UNDER 500................	6	1,074,267	1	1,118,000	6	1,050,948	63	5,439,493
500-1,000................	6	517,009	5	691,162	4	996,002	27	4,296,933
1,000-2,500..............	4	655,575	10	834,672	3	667,216	57	5,338,740
2,500-5,000..............	8	1,341,155	12	2,442,810	6	844,174	103	11,906,490
5,000-10,000.............	12	3,271,646	8	1,254,406	8	1,195,139	163	17,484,589
10,000-25,000............	16	4,563,031	10	2,471,509	12	3,117,762	303	21,619,993
25,000-50,000............	8	2,862,577	10	4,878,904	8	1,554,546	210	12,619,298
50,000-100,000...........	25	7,336,596	5	1,646,776	7	916,765	249	11,378,363
100,000-250,000..........	1	37,740	9	886,790	4	226,911	255	21,543,650
250,000 AND OVER.........	35	22,384,973	42	14,460,084	24	28,741,761	1,104	72,417,206
TOTAL....................	122	44,531,587	116	31,052,051	89	39,571,253	2,602	185,801,003

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

CALIFORNIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	NO. OF COMMUNI-TIES	POPULATION SERVED
UNKNOWN	13	8	1,400,385	42	24	922,305	0	2,100
<=500	14	11	76,505	47	30	228,790	2	350
500-1000	11	11	8,805	51	47	82,465	0	0
1000-2500	14	11	26,740	82	75	246,540	3	8,990
2500-5000	4	3	52,000	75	70	344,695	1	5,500
5000-10000	9	7	84,600	48	43	492,270	0	0
10000-25000	15	14	377,160	56	36	888,995	1	5,000
25000-50000	6	4	191,000	18	12	654,480	0	0
50000-100000	5	5	401,690	12	8	775,400	0	0
100000-250000	2	1	265,000	6	2	861,900	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	7	2	8,197,000	9	1	27,040	0	0
TOTALS	100	77	11,080,885	446	348	5,524,880	7	21,940

TABLE A-5A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
CALIFORNIA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	27	46	0	4	0	3	2	3	3	4	2	2	2	21
500-1000	25	32	2	1	2	1	2	3	1	1	6	1	1	11
1000-2500	64	71	3	10	5	4	5	5	2	12	2	3	3	17
2500-5000	69	71	3	8	5	7	1	8	4	9	3	5	3	15
5000-10000	50	58	2	9	8	6	2	6	4	6	2	6	0	7
10000-25000	68	80	3	11	4	9	6	5	8	11	8	3	1	11
25000-50000	37	39	0	6	4	4	3	7	5	6	2	0	0	2
50000-100000	21	24	0	3	5	3	3	4	2	2	1	0	0	1
100000-250000	8	9	0	1	0	2	1	2	0	1	0	0	1	1
250000-500000	2	3	0	0	0	1	0	0	0	0	0	1	0	1
>500000	5	6	0	1	2	1	0	0	0	2	0	0	0	0
TOTALS	376	439	13	54	35	41	25	43	29	54	26	21	11	97

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
CALIFORNIA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	34	53	8	18	2	7	3	1	2	1	0	0	0	0
500-1000	29	36	9	12	4	3	2	1	0	1	0	0	0	11
1000-2500	73	80	11	36	3	5	7	3	7	3	1	0	1	2
2500-5000	75	77	10	29	14	6	4	3	3	2	1	0	0	4
5000-10000	53	61	6	32	8	5	4	4	0	1	1	2	1	2
10000-25000	68	80	5	38	18	9	3	3	1	3	0	0	1	0
25000-50000	37	39	1	22	6	2	4	2	1	1	0	0	0	0
50000-100000	21	24	3	11	7	2	1	0	0	0	0	0	0	0
100000-250000	8	9	0	6	2	1	0	0	0	0	0	0	0	0
250000-500000	2	3	0	0	1	0	1	0	1	0	0	0	0	0
>500000	5	6	0	3	2	1	0	0	0	0	0	0	0	0
TOTALS	405	468	53	207	67	41	29	17	15	12	3	2	3	19

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

C A L I F O R N I A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		1	2	15	8	16	13	9	9	0	0	73	0
NO TREATMENT		1	0	0	0	0	0	0	0	0	0	1	200
PRIMARY		0	0	6	2	8	3	5	8	0	0	32	7300135
SECONDARY		0	2	9	6	8	10	4	1	0	0	40	1143910
POPULATION SERVED		200	1600	61025	54945	412510	521900	558150	6833915	0	0	0	8444245
SERVED COMM./FAC.		0	2	21	11	27	25	15	90	0	0	191	0
BELOW 500	1*	0	0	4	1	3	1	0	1	0	0	10	2880
500 - 999	2*	0	1	7	2	4	2	2	0	0	0	18	15895
1000 - 4999	3*	0	0	8	5	15	6	4	14	0	0	52	163455
5000 - 9999	4*	0	0	2	2	0	8	4	9	0	0	25	151405
10000 - 24999	5*	0	1	0	1	4	4	3	21	0	0	34	475300
25000 - 49999	6*	0	0	0	0	1	4	1	23	0	0	29	888215
50000 - 99999	7*	0	0	0	0	0	0	1	14	0	0	15	993795
100000 - 249999	8*	0	0	0	0	0	0	0	6	0	0	6	652485
250000 - 499999	9*	0	0	0	0	0	0	0	2	0	0	2	711670
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	17600	33000	42085	129990	220190	144245	3467990	0	0	0	4055100

TABLE A-8A

CALIFORNIA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		1		4	6	6		5	4	1			18
< 500						2			2				2
500–1000					1	1		1					2
1000–2500					2				2	1			4
2500–5000					4	2	1		1				6
5000–10000													
10000–25000		1		4	5	5		1	6				14
25000–50000					3	1	1			1			4
50000–100000					4				1				4
100000–250000													
250000–500000													
> 500000						1		1	2				1
Total		2		8	25	18	2	8	18	3			55
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		1		1	7	5		2	4				20
1969													
1970													
1971													
1972													
1973 or later													
Date not given		1		7	18	13	2	6	14	3			64
Total Projects		2		8	25	18	2	8	18	3			84

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

COLORADO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	1,000	11	11	46,700	1	1,000
<=500	9	9	2,470	18	16	5,083	5	1,390
500-1000	6	6	4,340	24	24	17,673	16	8,815
1000-2500	12	12	21,595	22	21	32,930	3	3,525
2500-5000	4	4	14,800	9	9	34,770	1	3,640
5000-10000	1	1	8,000	11	10	82,270	1	5,000
10000-25000	0	0	0	11	10	146,080	0	0
25000-50000	0	0	0	5	4	178,025	0	0
50000-100000	0	0	0	3	2	222,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	0	550,000	1	1	30,000	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	34	33	602,205	115	108	795,531	27	23,370

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP—1962 - 1967 CONTRACT AWARDS

C O L O R A D O

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	7	723,692	1	116,000	0	0	3	328,046
UNDER 500................	24	1,497,119	8	876,841	3	82,580	1	25,950
500-1,000................	13	493,429	1	77,177	3	152,489	1	20,265
1,000-2,500..............	21	2,445,630	5	776,902	4	284,410	2	311,161
2,500-5,000..............	9	730,527	2	248,628	1	155,541	1	28,245
5,000-10,000.............	12	1,276,449	2	117,994	0	0	0	0
10,000-25,000............	23	2,055,093	0	0	0	0	5	270,925
25,000-50,000............	49	9,038,398	3	3,472,514	0	0	1	34,490
50,000-100,000...........	17	3,303,048	2	451,690	2	472,813	2	461,000
100,000-250,000..........	15	1,352,824	0	0	0	0	2	87,560
250,000 AND OVER.........	33	25,017,090	1	17,300,000	0	0	4	1,480,632
TOTAL....................	223	47,933,299	25	23,437,746	13	1,147,833	22	3,048,274

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	63,140	0	0	2	216,506
UNDER 500................	1	21,990	1	70,615	3	55,863	7	363,280
500-1,000................	1	3,000	0	0	2	109,640	5	130,858
1,000-2,500..............	2	81,176	1	19,267	3	262,585	4	710,129
2,500-5,000..............	0	0	0	0	0	0	5	298,113
5,000-10,000.............	2	865,660	0	0	1	28,554	7	264,241
10,000-25,000............	2	122,776	3	148,538	1	2,890	12	1,509,964
25,000-50,000............	2	244,470	3	716,624	7	2,032,755	33	2,537,545
50,000-100,000...........	1	301,631	4	306,476	4	1,123,442	2	185,996
100,000-250,000..........	1	521,506	1	17,150	1	362,854	10	363,754
250,000 AND OVER.........	5	2,896,510	1	69,074	3	1,908,603	19	1,362,271
TOTAL....................	17	5,058,719	15	1,410,884	25	5,887,186	106	7,942,657

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

COLORADO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	20	19	806,865	1	100
<=500	9	9	2,775	45	42	38,933	5	3,135
500-1000	3	3	2,145	37	35	29,048	9	6,060
1000-2500	2	2	2,520	39	37	76,050	0	0
2500-5000	2	2	10,300	11	10	42,445	0	0
5000-10000	1	1	8,000	11	11	98,765	0	0
10000-25000	0	0	0	8	7	124,200	0	0
25000-50000	0	0	0	6	4	230,000	0	0
50000-100000	0	0	0	3	2	262,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	17	17	25,740	180	167	1,708,306	15	9,295

TABLE A-5A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
C O L O R A D O

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	3	3	0	1	0	0	0	0	0	0	0	0	0	2
500-1000	2	2	1	0	0	0	0	1	0	0	0	0	0	0
1000-2500	5	5	0	1	0	0	1	0	1	1	0	0	0	1
2500-5000	6	6	0	1	0	0	0	1	0	1	1	0	1	1
5000-10000	6	6	0	1	1	0	0	0	0	1	1	1	0	1
10000-25000	8	8	2	1	0	0	0	0	0	3	1	0	1	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	2	2	0	1	0	1	0	0	0	0	0	0	0	0
100000-250000	2	2	0	0	0	0	1	0	0	0	1	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	34	34	3	6	1	1	2	2	1	6	4	1	2	5

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
COLORADO

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	8	8	1	5	0	0	0	0	0	0	0	0	0	2
500-1000	7	8	1	2	1	2	0	1	0	0	0	0	0	1
1000-2500	13	13	2	5	0	2	0	0	1	2	0	0	0	1
2500-5000	11	12	2	5	0	1	1	1	0	0	1	0	0	1
5000-10000	10	10	1	4	0	0	0	1	1	1	0	0	1	1
10000-25000	12	12	2	5	1	0	2	0	1	0	0	0	1	0
25000-50000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
50000-100000	3	3	1	1	1	0	0	0	0	0	0	0	0	0
100000-250000	2	2	0	1	0	0	0	1	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	67	69	11	28	3	5	3	4	3	3	1	0	2	6

RUN DATE 68/12/17 PRELIMINARY

TABLE A-7A

C O L O R A D O

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	1	0	0	2	1	1	1	0	0	6	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	1	0	0	1	550000
SECONDARY	0	1	0	0	2	1	1	0	0	0	5	190200
POPULATION SERVED	0	1400	0	0	26800	42000	120000	550000	0	0	0	740200

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		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVED COMM./FAC.		0	3	0	0	5	1	3	11	0	0	23	0
BELOW 500	1*	0	3	0	0	0	1	0	0	0	0	4	1025
500 - 999	2*	0	0	0	0	2	0	0	6	0	0	8	5600
1000 - 4999	3*	0	0	0	0	1	0	2	4	0	0	7	20140
5000 - 9999	4*	0	0	0	0	1	0	0	0	0	0	1	8000
10000 - 24999	5*	0	0	0	0	1	0	1	1	0	0	3	29325
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	825	0	0	20525	200	16625	25915	0	0	0	64090

TABLE A-8A

COLORADO

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	5	3			5								13
< 500			1	4	5								10
500–1000	1	2	1	1	5								10
1000–2500				1	6								7
2500–5000				1									1
5000–10000					3								3
10000–25000					2								2
25000–50000					2								2
50000–100000					3								2
100000–250000													
250000–500000													
> 500000													
Total	6	5	2	7	31								50
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968	3	1	1	1	6								12
1969		1	1		11								13
1970	1			1	5								7
1971					1								1
1972													
1973 or later													
Date not given	2	3		5	8								18
Total Projects	6	5	2	7	31								51

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

CONNECTICUT

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	140	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	1	1	1,500	1	1	800	1	2,000
1000-2500	1	1	1,300	2	2	1,700	1	400
2500-5000	2	2	920	0	0	0	4	13,640
5000-10000	4	4	21,742	9	6	29,783	0	0
10000-25000	8	8	51,480	7	6	49,500	5	44,800
25000-50000	15	9	250,557	10	5	99,400	0	0
50000-100000	11	4	234,175	1	1	45,000	0	0
100000-250000	7	4	642,819	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	49	33	1,204,493	31	22	226,323	11	60,840

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

C O N N E C T I C U T

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	16	1,728,066	4	596,943	0	0	1	651,200
UNDER 500................	2	275,744	0	0	0	0	0	0
500-1,000................	3	377,156	1	73,000	0	0	1	32,347
1,000-2,500..............	15	3,206,397	3	965,039	0	0	0	0
2,500-5,000..............	27	7,915,997	1	375,822	0	0	1	20,700
5,000-10,000.............	42	15,704,809	3	7,122,148	0	0	5	1,564,854
10,000-25,000............	150	31,811,158	8	6,358,097	0	0	11	2,222,548
25,000-50,000............	149	24,143,446	4	4,887,985	0	0	5	948,388
50,000-100,000...........	125	28,459,807	2	3,060,000	0	0	4	2,950,237
100,000-250,000..........	71	14,646,694	0	0	0	0	4	4,415,453
250,000 AND OVER.........	2	141,241	0	0	0	0	0	0
TOTAL....................	602	128,410,515	26	23,439,034	0	0	32	12,805,727

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	34,800	0	0	10	445,123
UNDER 500................	1	49,139	0	0	0	0	1	226,605
500-1,000................	0	0	0	0	0	0	1	271,809
1,000-2,500..............	2	618,293	0	0	0	0	10	1,623,065
2,500-5,000..............	8	2,202,010	0	0	3	427,484	14	4,889,981
5,000-10,000.............	3	1,572,876	0	0	1	32,500	30	5,412,431
10,000-25,000............	8	3,437,933	1	384,370	4	259,334	118	19,148,876
25,000-50,000............	8	3,876,777	2	456,555	7	976,086	123	12,997,655
50,000-100,000...........	4	4,948,479	0	0	6	1,232,350	109	16,268,741
100,000-250,000..........	1	675,150	0	0	1	1,433,000	65	8,123,091
250,000 AND OVER.........	0	0	0	0	0	0	2	141,241
TOTAL....................	35	17,380,657	4	875,725	22	4,360,754	483	69,548,618

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

CONNECTICUT

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	1	2,000
1000-2500	0	0	0	2	2	1,550	1	150
2500-5000	2	2	1,040	2	2	2,660	1	2,140
5000-10000	7	6	32,930	7	6	20,230	2	7,000
10000-25000	14	13	120,615	8	7	82,550	1	18,830
25000-50000	14	8	242,760	11	6	157,200	0	0
50000-100000	3	3	207,000	3	2	77,700	0	0
100000-250000	7	4	572,800	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	47	36	1,177,145	33	25	341,890	6	30,120

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
CONNECTICUT

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	3	4	1	2	0	0	0	0	0	1	0	0	0	0
500-1000	5	7	0	1	0	1	3	0	0	1	1	0	0	0
1000-2500	6	6	0	0	0	2	0	0	1	0	1	0	1	1
2500-5000	9	13	0	5	1	3	0	0	0	1	1	1	0	1
5000-10000	12	13	0	0	1	0	4	0	3	2	0	0	1	2
10000-25000	12	15	1	0	3	1	1	1	1	4	1	2	0	0
25000-50000	11	12	0	2	2	1	0	1	2	3	0	1	0	0
50000-100000	4	6	0	1	0	0	0	2	2	1	0	0	0	0
100000-250000	2	2	0	0	0	0	1	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	64	78	2	11	7	8	9	4	9	14	4	4	2	4

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
CONNECTICUT

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)										
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	3	4	1	2	0	1	0	0	0	0	0	0	0	0
500-1000	5	7	2	2	1	1	0	0	0	1	0	0	0	0
1000-2500	6	8	1	5	0	1	0	0	0	1	0	0	0	0
2500-5000	9	13	2	7	1	0	2	0	0	0	0	0	0	1
5000-10000	12	13	4	3	1	2	0	0	0	1	0	0	0	2
10000-25000	13	16	1	8	1	1	2	1	0	1	0	1	0	0
25000-50000	11	12	1	2	3	1	1	2	0	1	1	0	0	0
50000-100000	4	6	0	0	0	1	2	2	0	0	1	0	0	0
100000-250000	2	2	0	0	0	0	1	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000		0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	65	81	12	29	7	8	8	5	0	6	2	1	0	3

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

C O N N E C T I C U T

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	1	2	2	0	0	5	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	1	2	2	0	0	5	458019
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	31400	147500	279119	0	0	0	458019
SERVED COMM./FAC.		0	0	0	0	0	0	1	8	0	0	9	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	2	0	0	2	16100
10000 - 24999	5*	0	0	0	0	0	0	1	4	0	0	5	48295
25000 - 49999	6*	0	0	0	0	0	0	0	1	0	0	1	28000
50000 - 99999	7*	0	0	0	0	0	0	0	1	0	0	1	54000
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	3000	143395	0	0	0	146395

TABLE A-8A

CONNECTICUT

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		27			1	5	28					1	32
< 500													
500–1000		1					1						1
1000–2500					1		1						1
2500–5000			1		1		2						2
5000–10000		2	2		1	1	5						6
10000–25000		2	7		4		13						13
25000–50000			3		1	1	4						5
50000–100000			1				1						1
100000–250000			2				2						2
250000–500000													
>500000													
Total		32	16		9	7	57					1	63
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		1				1	1						3
1969		9	4		5	1	17						36
1970		19	9		3	2	31						64
1971		2	2		1	3	6					1	15
1972		1	1				2						4
1973 or later													
Date not given													
Total Projects		32	16		9	7	57					1	122

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

DELAWARE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	225,000	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	1	863
1000-2500	5	5	10,152	2	2	3,956	1	700
2500-5000	3	3	10,825	0	0	0	1	2,700
5000-10000	2	2	13,045	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	11	11	259,022	2	2	3,956	3	4,263

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

D E L A W A R E

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	3	34,064	1	3,975	0	0	0	0
UNDER 500................	3	231,260	0	0	0	0	0	0
500-1,000................	3	493,295	1	178,500	0	0	0	0
1,000-2,500..............	12	2,473,683	5	1,146,212	0	0	0	0
2,500-5,000..............	12	833,376	0	0	1	175,300	1	49,590
5,000-10,000.............	7	1,700,105	0	0	0	0	3	1,400,264
10,000-25,000............	8	123,227	0	0	0	0	0	0
25,000-50,000............	0	0	0	0	0	0	0	0
50,000-100,000...........	8	4,955,654	0	0	0	0	2	3,891,700
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	26	3,143,135	0	0	0	0	0	0
TOTAL....................	82	13,987,799	7	1,328,687	1	175,300	6	5,341,554

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	2	30,089
UNDER 500................	0	0	0	0	2	127,803	1	103,457
500-1,000................	1	33,592	0	0	0	0	1	281,203
1,000-2,500..............	4	761,657	0	0	0	0	3	565,814
2,500-5,000..............	2	246,730	0	0	2	143,106	6	218,650
5,000-10,000.............	2	130,722	0	0	1	65,419	1	103,700
10,000-25,000............	0	0	0	0	1	14,577	7	108,650
25,000-50,000............	0	0	0	0	0	0	0	0
50,000-100,000...........	2	412,660	0	0	0	0	4	651,294
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	4	1,752,918	4	255,737	0	0	18	1,134,480
TOTAL....................	15	3,338,279	4	255,737	6	350,905	43	3,197,337

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

DELAWARE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	225,000	0	0	0	0	0
<=500	0	0	0	1	0	455	0	0
500-1000	0	0	0	1	1	1,005	0	0
1000-2500	3	3	4,370	7	7	12,860	0	0
2500-5000	3	3	11,070	1	1	2,495	0	0
5000-10000	0	0	0	2	2	20,515	0	0
10000-25000	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	1	1	334,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	7	7	240,440	13	12	371,330	0	0

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TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
D E L A W A R E

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	1	0	0	1	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	9	9	0	0	0	2	0	0	1	1	1	2	0	2
2500-5000	4	4	0	0	0	1	1	0	1	0	1	0	0	0
5000-10000	1	1	0	0	0	0	0	0	0	0	0	0	0	1
10000-25000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
250000-500000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	18	18	0	0	1	3	2	2	2	1	2	2	0	3

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
DELAWARE

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	1	0	1	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	10	10	1	2	1	2	0	0	0	1	0	2	0	1
2500-5000	4	4	0	0	1	1	1	0	0	1	0	0	0	0
5000-10000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
10000-25000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	0	0	0	0	0	0	0	1	0	0	0
250000-500000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	19	19	1	4	2	3	1	2	0	2	1	2	0	1

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

D E L A W A R E

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COMM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	0	1	0	0	1	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	1	0	0	1	225000
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	225000	0	0	0	225000
SERVED COMM./FAC.		0	0	1	0	0	0	0	7	0	0	8	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	1	0	0	0	0	0	0	0	1	934
1000 - 4999	3*	0	0	0	0	0	0	0	3	0	0	3	7244
5000 - 9999	4*	0	0	0	0	0	0	0	1	0	0	1	7319
10000 - 24999	5*	0	0	0	0	0	0	0	2	0	0	2	13104
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	1	0	0	1	95827
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	934	0	0	0	0	123494	0	0	0	124428

TABLE A-8A

DELAWARE

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown													
< 500													
500–1000													
1000–2500													
2500–5000			1										1
5000–10000													
10000–25000													
25000–50000													
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total			1										1
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969													
1970			1										1
1971													
1972													
1973 or later													
Date not given													
Total Projects			1										1

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

DISTRICT OF COLUMBIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	1	1	1,323,470	0	0
TOTALS	0	0	0	1	1	1,323,470	0	0

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

DISTRICT OF COLUMBIA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMRER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	2	556,483	0	0	0	0	0	0
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	0	0	0	0	0	0	0	0
1,000-2,500..............	0	0	0	0	0	0	0	0
2,500-5,000..............	0	0	0	0	0	0	0	0
5,000-10,000.............	0	0	0	0	0	0	0	0
10,000-25,000............	0	0	0	0	0	0	0	0
25,000-50,000............	0	0	0	0	0	0	0	0
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	140	53,599,294	0	0	0	0	5	4,029,467
TOTAL....................	142	54,155,777	0	0	0	0	5	4,029,467

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	404,625	0	0	0	0	1	151,858
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	0	0	0	0	0	0	0	0
1,000-2,500..............	0	0	0	0	0	0	0	0
2,500-5,000..............	0	0	0	0	0	0	0	0
5,000-10,000.............	0	0	0	0	0	0	0	0
10,000-25,000............	0	0	0	0	0	0	0	0
25,000-50,000............	0	0	0	0	0	0	0	0
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	26	25,519,908	3	4,256,990	8	10,471,238	98	9,321,691
TOTAL....................	27	25,924,533	3	4,256,990	8	10,471,238	99	9,473,549

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

DISTRICT OF COLUMBIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	1	1	1,750.000	0	0
TOTALS	0	0	0	1	1	1,750.000	0	0

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
DISTRICT OF COLUMBIA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	1	1	0	0	0	0	1	0	0	0	0	0	0	0

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
DISTRICT OF COLUMBIA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	1	0	0	0	0	0	0	0	0
TOTALS	1	1	0	0	0	1	0	0	0	0	0	0	0	0

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

DISTRICT OF COLUMBIA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	1	0	0	1	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	1	0	0	1	1323470
POPULATION SERVED	0	0	0	0	0	0	0	1323470	0	0	0	1323470

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		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVED COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

FLORIDA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	13,000	3	3	13,740	0	0
<=500	11	2	2,635	41	8	10,565	0	485
500-1000	12	9	5,810	26	10	16,096	2	700
1000-2500	10	10	10,225	44	16	61,765	5	5,050
2500-5000	16	12	47,965	41	17	120,490	2	7,030
5000-10000	9	8	32,750	34	22	166,738	2	7,000
10000-25000	10	9	94,470	27	11	141,320	4	39,500
25000-50000	5	2	70,160	15	9	254,450	1	40,000
50000-100000	2	1	50,000	3	3	164,000	0	32,000
100000-250000	6	2	358,900	3	0	16,900	0	0
250000-500000	1	1	190,000	5	1	196,770	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	83	57	875,915	242	100	1,162,834	16	131,765

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS F L O R I D A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	67	3,326,469	16	488,946	0	0	9	753,436
UNDER 500................	7	672,068	2	373,300	0	0	0	0
500-1,000................	13	1,348,308	5	339,195	0	0	2	169,976
1,000-2,500..............	48	7,489,636	12	2,050,326	0	0	1	8,000
2,500-5,000..............	79	12,734,692	11	2,959,003	1	96,900	6	756,465
5,000-10,000.............	130	28,027,953	11	3,422,517	0	0	15	2,993,835
10,000-25,000............	116	23,174,726	10	3,287,389	0	0	12	2,489,683
25,000-50,000............	101	18,568,519	6	2,469,453	0	0	13	2,444,376
50,000-100,000...........	106	11,980,479	7	421,498	0	0	7	3,513,377
100,000-250,000..........	59	9,968,739	3	120,376	0	0	5	3,481,909
250,000 AND OVER.........	145	31,870,092	5	1,092,842	0	0	18	1,819,612
TOTAL....................	871	149,163,681	88	17,024,845	1	96,900	88	18,430,669

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	72,885	1	17,894	12	471,306	28	1,524,002
UNDER 500................	0	0	1	116,240	1	19,285	3	163,243
500-1,000................	0	0	0	0	1	78,123	5	761,014
1,000-2,500..............	1	7,783	0	0	10	1,263,942	24	4,159,585
2,500-5,000..............	5	552,392	2	905,013	9	1,281,949	45	6,182,970
5,000-10,000.............	4	1,002,120	3	1,163,057	15	1,929,931	82	17,516,493
10,000-25,000............	2	139,067	3	1,710,416	8	2,635,488	81	12,912,683
25,000-50,000............	4	1,315,730	3	3,483,161	13	1,697,485	62	7,158,314
50,000-100,000...........	0	0	6	665,269	12	397,387	74	6,982,948
100,000-250,000..........	0	0	3	781,626	6	807,790	42	4,777,038
250,000 AND OVER.........	5	2,543,202	4	67,020	16	1,826,672	97	24,520,744
TOTAL....................	22	5,633,179	26	8,909,696	103	12,409,358	543	86,659,034

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

FLORIDA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	10	0	8,795	54	10	67,539	0	0
<=500	2	1	705	11	8	6,005	0	0
500-1000	8	5	4,100	33	19	32,117	2	700
1000-2500	7	6	7,655	37	29	73,495	2	2,000
2500-5000	9	6	29,440	58	33	169,045	4	10,180
5000-10000	8	7	157,450	60	30	213,295	2	9,500
10000-25000	9	7	77,750	54	17	324,545	1	11,000
25000-50000	5	2	110,100	35	10	382,255	1	40,000
50000-100000	2	0	32,800	48	5	327,715	0	32,000
100000-250000	5	2	201,400	12	0	112,590	0	0
250000-500000	1	1	190,000	26	1	210,360	0	4,600
>500000	0	0	0	0	0	0	0	0
TOTALS	66	37	820,195	428	162	1,918,961	12	109,980

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
FLORIDA

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	27	145	0	16	16	7	7	3	7	12	9	8	7	53
500-1000	28	77	0	16	10	4	5	0	4	11	5	10	3	9
1000-2500	45	107	5	17	7	10	7	5	9	20	4	7	5	11
2500-5000	28	47	0	12	7	7	3	3	2	4	4	2	0	3
5000-10000	40	51	2	9	5	4	9	2	4	8	4	2	0	2
10000-25000	31	39	2	4	3	5	4	7	3	4	3	1	1	2
25000-50000	7	10	0	3	0	3	0	1	1	1	1	0	0	0
50000-100000	7	9	0	3	0	0	2	2	0	2	0	0	0	0
100000-250000	3	3	1	0	0	0	0	0	1	0	1	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	216	488	10	80	48	40	37	23	31	62	31	30	16	80

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
FLORIDA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	31	150	30	37	12	7	6	3	7	5	5	6	2	30
500-1000	29	78	16	26	6	3	4	3	2	7	2	2	1	6
1000-2500	48	111	22	32	9	3	4	3	3	9	5	3	1	17
2500-5000	28	47	9	21	8	1	1	1	1	0	2	1	0	2
5000-10000	40	52	3	22	7	6	2	1	2	2	1	4	1	1
10000-25000	33	42	8	13	7	4	3	1	1	4	0	0	0	1
25000-50000	8	11	2	1	1	0	0	2	3	1	0	1	0	0
50000-100000	7	9	0	4	2	1	1	0	0	1	0	0	0	0
100000-250000	3	3	1	0	0	1	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	227	503	91	156	52	26	22	14	19	29	15	17	5	57

TABLE A-7A

FLORIDA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.	0	0	1	0	0	0	1	0	0	0	2	0
NO TREATMENT	0	0	0	0	0	0	1	0	0	0	1	32000
PRIMARY	0	0	1	0	0	0	0	0	0	0	1	15000
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	15000	0	0	0	32000	0	0	0	0	47000
SERVED COMM./FAC.	0	0	2	0	0	0	3	0	0	0	5	0
BELOW 500 1*	0	0	1	0	0	0	0	0	0	0	1	1300
500 - 999 2*	0	0	0	0	0	0	1	0	0	0	1	1600
1000 - 4999 3*	0	0	1	0	0	0	2	0	0	0	3	9935
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	3100	0	0	0	9735	0	0	0	0	12835

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

GEORGIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	2	2	3,000	2	2	90,200	0	0
<=500	4	4	925	2	2	175	3	500
500-1000	7	7	3,200	3	2	1,400	7	2,850
1000-2500	52	47	49,435	15	8	17,130	21	26,945
2500-5000	33	28	64,215	18	13	44,215	15	43,405
5000-10000	7	4	24,300	15	13	84,050	8	35,667
10000-25000	1	0	1,500	19	12	156,800	5	59,580
25000-50000	1	1	35,000	5	2	71,500	1	32,400
50000-100000	2	2	115,750	0	0	0	1	100,300
100000-250000	0	0	0	3	1	49,000	2	244,475
250000-500000	4	1	632,845	4	0	277,730	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	113	96	930,170	86	55	792,200	63	546,122

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS G E O R G I A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	9	2,519,038	0	0	1	11,645	4	2,385,005
UNDER 500................	6	493,625	0	0	4	196,935	0	0
500-1,000................	7	447,817	1	56,010	3	132,331	0	0
1,000-2,500..............	52	7,520,887	10	2,863,564	8	695,874	1	177,151
2,500-5,000..............	41	7,266,886	4	1,231,283	7	740,853	3	780,152
5,000-10,000.............	29	6,382,576	5	1,991,260	2	315,630	3	741,015
10,000-25,000............	44	11,529,620	5	4,270,455	1	120,000	4	1,592,792
25,000-50,000............	23	4,400,406	3	1,915,772	1	16,455	1	377,921
50,000-100,000...........	50	14,109,502	1	3,118,999	0	0	1	1,785,951
100,000-250,000..........	41	8,889,785	4	3,396,389	0	0	3	311,100
250,000 AND OVER.........	94	13,205,073	2	806,413	0	0	3	1,074,800
TOTAL....................	396	76,765,215	35	19,650,145	27	2,229,723	23	9,225,887

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	4	122,388
UNDER 500................	0	0	0	0	0	0	2	296,690
500-1,000................	1	70,486	0	0	0	0	2	188,990
1,000-2,500..............	7	637,478	3	129,891	8	1,323,704	15	1,693,225
2,500-5,000..............	11	2,055,730	2	334,763	8	789,446	6	1,334,659
5,000-10,000.............	2	552,886	3	336,786	3	451,309	11	1,993,690
10,000-25,000............	3	716,951	4	660,578	13	2,633,317	14	1,535,527
25,000-50,000............	1	44,884	2	508,603	2	388,004	13	1,148,767
50,000-100,000...........	6	4,474,037	0	0	6	778,966	36	3,951,549
100,000-250,000..........	2	1,799,837	1	186,622	6	437,448	25	2,758,389
250,000 AND OVER.........	5	1,682,638	17	2,761,221	7	1,826,306	60	5,053,695
TOTAL....................	38	12,034,927	32	4,918,464	53	8,628,500	188	20,077,569

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

GEORGIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	1	35,090	47	16	149,305	1	115,000
<=500	2	2	740	8	7	2,855	3	550
500-1000	8	8	4,050	12	11	6,850	5	2,210
1000-2500	34	28	36,475	61	40	96,373	11	13,540
2500-5000	23	20	64,840	36	25	94,520	9	28,220
5000-10000	5	4	26,800	26	18	130,300	3	21,450
10000-25000	3	1	30,680	21	12	221,135	2	17,900
25000-50000	0	0	0	12	4	152,000	0	0
50000-100000	2	2	135,750	2	1	80,300	0	0
100000-250000	1	0	120,000	1	0	15,000	0	0
250000-500000	3	1	534,575	3	0	214,910	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	84	67	989,000	229	134	1,163,548	34	198,870

TABLE A-5A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
GEORGIA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	23	47	0	10	7	5	3	0	5	3	3	0	0	11
500-1000	33	54	1	14	9	6	8	2	4	6	2	0	0	2
1000-2500	61	83	3	9	8	8	13	9	11	10	3	2	1	6
2500-5000	37	46	0	8	6	6	9	5	2	4	2	0	1	3
5000-10000	19	28	0	4	2	4	1	5	4	4	2	0	2	0
10000-25000	17	21	2	3	2	2	4	2	2	0	2	0	1	1
25000-50000	5	8	0	4	0	0	2	0	0	0	2	0	0	0
50000-100000	2	3	0	0	0	1	0	1	0	1	0	0	0	0
100000-250000	2	3	0	0	0	0	0	0	1	2	0	0	0	0
250000-500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	200	294	6	53	34	32	40	24	29	30	16	2	5	23

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
GEORGIA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	28	55	4	44	1	1	0	1	0	0	0	0	0	4
500-1000	35	57	3	51	0	0	0	1	0	0	1	0	0	1
1000-2500	65	89	2	73	2	3	0	1	1	2	0	0	0	5
2500-5000	38	47	1	33	4	1	2	0	1	3	0	1	1	0
5000-10000	19	28	3	12	3	2	3	0	2	2	0	1	0	0
10000-25000	17	21	2	9	4	1	1	1	1	1	0	0	0	1
25000-50000	5	8	0	4	2	0	0	1	0	0	1	0	0	0
50000-100000	2	3	0	2	0	0	1	0	0	0	0	0	0	0
100000-250000	2	3	0	0	0	2	1	0	0	0	0	0	0	0
250000-500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	212	312	15	228	16	10	9	5	5	8	2	2	1	11

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

GEORGIA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	1	1	2	1	1	3	0	0	9	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	1	0	0	1	0	1	0	0	3	619855
SECONDARY		0	0	0	1	2	0	1	2	0	0	6	367430
POPULATION SERVED		0	0	1400	6000	23920	34300	84700	836965	0	0	0	987285
SERVED COMM./FAC.		0	0	2	0	1	0	3	15	0	0	21	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	1	0	1	0	0	0	0	0	2	1300
1000 - 4999	3*	0	0	0	0	0	0	2	5	0	0	7	12675
5000 - 9999	4*	0	0	0	0	0	0	0	4	0	0	4	22930
10000 - 24999	5*	0	0	0	0	0	0	1	5	0	0	6	59430
25000 - 49999	6*	0	0	1	0	0	0	0	1	0	0	2	449[illegible]
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	42255	0	1000	0	13900	84135	0	0	0	141290

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

GUAM

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	2	1	1,125	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	0	0	0	2	1	1,125	0	0

TABLE A-5A

PRELIMINARY

RUN DATE 69/02/10

1968 MUNICIPAL WASTE INVENTORY
G U A M

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	1	0	0	0	0	0	0	0	0	0	0	1	0
500-1000	1	1	0	0	0	0	0	0	0	0	0	0	0	1
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	1	2	0	0	0	0	0	0	0	0	0	0	1	1

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
G U A M

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	1	0	0	0	0	0	0	1	0	0	0	0	0
500-1000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	1	2	0	1	0	0	0	0	1	0	0	0	0	0

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

HAWAII

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	2	2	340	0	0
500-1000	1	1	75	0	0	0	1	500
1000-2500	0	0	0	0	0	0	2	2,700
2500-5000	1	1	500	1	0	300	2	5,225
5000-10000	3	2	12,080	1	0	6,750	2	15,325
10000-25000	1	1	4,020	2	1	9,850	1	4,225
25000-50000	1	1	8,725	3	0	16,535	1	5,100
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	0	920	0	0	0	1	269,000
>500000	0	0	0	0	0	0	0	0
TOTALS	8	6	26,320	9	3	33,775	10	302,075

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

H A W A I I

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	0	0
UNDER 500................	2	180,000	0	0	0	0	2	180,000
500-1,000................	1	140,190	1	140,190	0	0	0	0
1,000-2,500..............	2	265,575	0	0	0	0	0	0
2,500-5,000..............	4	2,862,639	1	1,941,700	0	0	0	0
5,000-10,000.............	11	4,120,866	2	1,572,200	0	0	0	0
10,000-25,000............	13	5,189,267	0	0	0	0	0	0
25,000-50,000............	15	8,579,407	2	1,927,400	0	0	0	0
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	36	14,253,454	1	1,755,151	0	0	3	2,396,430
TOTAL....................	84	35,591,398	7	7,336,641	0	0	5	2,576,430

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	0	0
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	0	0	0	0	0	0	0	0
1,000-2,500..............	1	134,280	1	131,295	0	0	0	0
2,500-5,000..............	0	0	0	0	3	920,939	0	0
5,000-10,000.............	3	432,708	2	834,878	3	1,252,980	1	28,100
10,000-25,000............	7	2,933,989	0	0	3	606,913	3	1,648,365
25,000-50,000............	5	2,984,690	3	1,462,017	3	1,474,600	2	730,700
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	9	4,154,021	4	1,506,575	7	3,113,498	12	1,327,779
TOTAL....................	25	10,639,688	10	3,934,765	19	7,368,930	18	3,734,944

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

HAWAII

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	0	15,940	9	4	15,400	0	0
<=500	2	2	11,000	1	1	2,000	0	0
500-1000	0	0	0	0	0	0	1	500
1000-2500	0	0	0	1	0	2,500	2	2,700
2500-5000	1	1	600	1	0	200	2	5,500
5000-10000	1	1	2,500	0	0	0	2	17,000
10000-25000	0	0	0	2	2	24,800	0	0
25000-50000	1	1	6,500	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	1	350,000
>500000	0	0	0	0	0	0	0	0
TOTALS	6	5	36,540	14	7	44,900	8	375,700

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
HAWAII

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	4	0	0	0	0	0	0	0	1	1	1	0	1
500-1000	1	2	0	1	0	0	0	1	0	0	0	0	0	0
1000-2500	3	4	0	1	0	0	0	1	0	0	0	0	0	2
2500-5000	2	5	1	3	0	0	0	1	0	0	0	0	0	0
5000-10000	3	3	0	0	0	0	0	1	1	0	0	0	0	1
10000-25000	2	2	0	1	0	0	0	0	0	0	0	1	0	0
25000-50000	1	1	0	0	0	0	0	0	0	0	1	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	13	21	1	6	0	0	0	4	1	1	2	2	0	4

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
HAWAII

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	4	0	2	0	0	0	0	0	1	0	0	0	1
500-1000	1	2	0	1	0	0	0	1	0	0	0	0	0	0
1000-2500	3	4	0	2	0	0	0	0	0	0	0	0	2	0
2500-5000	2	5	1	4	0	0	0	0	0	0	0	0	0	0
5000-10000	3	3	0	1	1	0	1	0	0	0	0	0	0	0
10000-25000	2	2	0	1	1	0	0	0	0	0	0	0	0	0
25000-50000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	13	21	1	12	2	0	1	1	0	1	0	0	2	1

TABLE A-7A

H A W A I I

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-8A

HAWAII

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown						1		1	1				1
< 500													
500–1000													
1000–2500													
2500–5000													
5000–10000						2		2	3				3
10000–25000					2								2
25000–50000						3		1	2				2
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total					2	6		4	6				8
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968						3		2	3				8
1969													
1970													
1971													
1972													
1973 or later													
Date not given					2	3		2	3				10
Total Projects					2	6		4	6				18

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

IDAHO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	1,400	0	0
<=500	6	6	1,350	4	4	2,724	6	1,380
500-1000	9	9	5,725	4	4	2,380	7	3,995
1000-2500	11	11	16,450	8	8	12,295	7	11,350
2500-5000	6	6	24,355	3	3	10,750	6	15,185
5000-10000	1	1	8,000	1	1	9,000	2	10,500
10000-25000	2	2	26,000	4	4	49,000	0	0
25000-50000	2	2	61,160	1	1	30,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	37	37	143,040	26	26	117,549	28	42,410

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

I D A H O

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	3	81,415	0	0	1	23,840	0	0
UNDER 500................	5	469,543	0	0	1	98,876	0	0
500-1.000................	19	860,114	1	51.697	6	304.193	1	77.105
1.000-2.500..............	17	1,354,645	1	196.622	6	604,945	1	14,374
2.500-5.000..............	13	1,370,227	1	80.962	3	630,080	2	216,127
5.000-10.000.............	4	623,476	1	505,621	1	84,735	0	0
10.000-25.000............	15	4,350,081	0	0	0	0	1	1.264.220
25.000-50.000............	16	562,588	0	0	1	25,240	1	166.643
50.000-100.000...........	0	0	0	0	0	0	0	0
100.000-250.000..........	0	0	0	0	0	0	0	0
250.000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	92	9,672,089	4	834,902	19	1,771,909	6	1,738,469

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	30,464	0	0	0	0	1	27,111
UNDER 500................	0	0	0	0	2	253,582	2	117,085
500-1.000................	3	43,027	1	23,835	4	180,479	3	179,778
1.000-2.500..............	0	0	1	65,850	1	157,567	7	315,287
2.500-5.000..............	4	341,529	1	28,096	1	45,753	1	27,680
5.000-10.000.............	1	21,406	0	0	1	11,714	0	0
10.000-25.000............	4	506,044	0	0	0	0	10	2,579,817
25.000-50.000............	2	71,670	0	0	1	14,169	11	284,866
50.000-100.000...........	0	0	0	0	0	0	0	0
100.000-250.000..........	0	0	0	0	0	0	0	0
250.000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	15	1,014,140	3	117,781	10	663,264	35	3,531,624

TABLE A-4A

PRELIMINARY

1969 MUNICIPAL WASTE INVENTORY

IDAHO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	NO. OF COMMUNI-TIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	2,000	0	0
<=500	4	4	850	13	13	6,050	2	240
500-1000	5	5	3,055	20	19	13,240	3	1,650
1000-2500	6	6	10,400	15	15	21,155	5	7,600
2500-5000	4	4	13,355	9	9	30,200	2	5,000
5000-10000	1	1	10,000	2	2	17,575	1	4,500
10000-25000	2	2	38,000	4	4	48,000	0	0
25000-50000	2	2	71,000	1	1	55,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	24	24	146,660	65	64	193,220	13	18,990

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
I D A H O

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	10	10	4	0	0	0	2	1	1	2	0	0	0	0
500-1000	11	11	2	2	0	0	1	0	2	0	2	0	0	2
1000-2500	17	17	1	0	1	2	1	2	3	4	0	1	1	1
2500-5000	9	9	0	0	0	1	2	0	1	2	0	1	0	2
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	8	8	0	0	0	1	0	1	1	0	0	2	2	1
25000-50000	2	2	0	0	0	0	0	0	1	1	0	0	0	0
50000-100000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	58	58	7	2	1	4	6	4	9	10	2	4	3	6

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
IDAHO

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	13	13	0	8	1	0	0	1	0	1	0	0	0	2
500-1000	21	21	1	9	1	3	0	0	2	1	0	2	0	2
1000-2500	23	23	1	11	4	1	1	0	0	2	2	0	0	1
2500-5000	12	12	0	2	3	0	0	1	2	2	0	0	0	2
5000-10000	2	2	0	0	0	0	0	0	0	0	0	0	0	2
10000-25000	8	8	0	4	1	0	1	0	0	0	0	0	1	1
25000-50000	2	2	0	1	1	0	0	0	0	0	0	0	0	0
50000-100000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	82	82	2	35	11	4	3	2	4	6	2	2	1	10

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

IDAHO

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS	
											COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-8A

IDAHO

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		2				1			1				2
< 500		2	2			2	3	3					4
500–1000		2	3				2	1					5
1000–2500		5	5				4	5					10
2500–5000			4		1		1	1					5
5000–10000		1	1				1	1					2
10000–25000			2		1								3
25000–50000			2										2
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total		12	19		2	3	11		1				31
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		3	6				3	3					15
1969		9	3		2	3	8	8					33
1970			1										1
1971			2										2
1972			2										2
1973 or later			4										4
Date not given			1						1				2
Total Projects		12	19		2	3	11	11	1				59

RUN DATE 68/12/17

TABLE A-2A

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

ILLINOIS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	PUPULATION SERVED
UNKNOWN	6	2	30,330	10	6	335,120	1	140,000
<=500	2	2	1,480	11	11	3,805	3	1,185
500-1000	8	8	4,690	52	51	46,340	1	540
1000-2500	25	24	37,970	112	101	157,915	15	21,785
2500-5000	11	9	36,380	77	73	352,221	4	15,320
5000-10000	6	5	39,395	50	45	340,790	3	23,130
10000-25000	9	9	124,560	34	26	481,880	0	0
25000-50000	4	4	106,500	7	6	237,395	1	33,500
50000-100000	2	2	116,800	2	2	156,000	0	0
100000-250000	0	0	0	2	2	294,700	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	0	3,805	13	0	4,764,785	0	0
TOTALS	74	65	501,910	370	323	7,170,951	28	235,460

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

I L L I N O I S

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	36	2,771,849	6	695,066	0	0	6	985,308
UNDER 500................	48	6,646,502	9	2,811,710	8	292,454	1	104,442
500-1,000................	96	9,717,052	13	1,279,522	16	819,203	13	1,084,440
1,000-2,500..............	141	18,097,520	23	3,253,833	21	1,214,196	21	2,329,629
2,500-5,000..............	170	28,740,870	10	2,187,635	8	491,464	34	4,841,928
5,000-10,000.............	173	52,707,904	12	3,675,269	3	291,135	44	21,119,495
10,000-25,000............	228	33,857,580	10	3,946,805	3	143,456	31	7,904,820
25,000-50,000............	183	35,267,766	9	3,677,332	1	25,000	13	8,897,609
50,000-100,000...........	96	33,163,591	7	5,341,777	3	167,083	19	6,845,545
100,000-250,000..........	51	16,824,160	3	640,138	2	147,714	7	5,791,295
250,000 AND OVER.........	74	53,454,676	3	395,830	0	0	20	14,697,905
TOTAL....................	1,296	291,249,470	105	27,904,917	65	3,591,705	209	74,602,416

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	210,080	2	56,367	21	825,028
UNDER 500................	4	182,835	1	24,613	6	382,222	19	2,848,226
500-1,000................	5	265,199	2	63,572	11	599,892	36	5,605,224
1,000-2,500..............	6	1,543,454	5	533,581	12	1,261,011	53	7,961,816
2,500-5,000..............	13	5,611,352	2	243,282	11	3,857,928	92	11,507,281
5,000-10,000.............	17	16,338,231	4	233,827	9	1,589,232	84	9,460,715
10,000-25,000............	20	7,704,365	2	533,130	14	1,550,104	148	12,074,900
25,000-50,000............	17	9,022,217	0	0	5	1,391,045	138	12,254,563
50,000-100,000...........	24	15,497,810	1	343,453	2	22,564	40	4,945,359
100,000-250,000..........	3	6,197,491	0	0	2	1,088,250	34	2,959,272
250,000 AND OVER.........	8	7,242,791	4	2,502,648	9	5,120,888	30	23,494,614
TOTAL....................	117	69,605,745	22	4,688,186	83	16,919,503	695	93,936,998

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

ILLINOIS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	7	3	181,340	18	11	368,665	0	0
<=500	3	3	1,800	35	33	18,372	2	875
500-1000	7	7	4,105	105	96	81,575	2	2,575
1000-2500	19	17	27,845	150	135	222,660	11	13,875
2500-5000	13	11	42,066	101	78	361,190	2	5,495
5000-10000	9	7	53,345	56	46	397,460	1	5,195
10000-25000	6	5	67,170	47	31	568,010	0	0
25000-50000	7	6	164,500	8	5	209,715	0	0
50000-100000	4	3	387,610	5	3	301,000	0	0
100000-250000	0	0	0	2	2	240,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	0	3,805	3	0	4,771,990	0	0
TOTALS	75	63	933,586	530	440	7,540,637	18	28,015

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ILLINOIS

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	61	76	3	10	2	5	9	2	4	6	3	6	3	23
500-1000	100	105	1	17	22	21	16	9	3	4	5	1	0	6
1000-2500	172	187	5	28	27	33	37	13	11	12	9	5	1	6
2500-5000	89	92	0	19	14	13	11	10	4	12	2	2	3	2
5000-10000	58	62	0	14	11	13	11	2	4	2	4	0	0	1
10000-25000	42	46	1	8	5	8	10	4	4	4	1	1	0	0
25000-50000	16	17	0	2	1	1	2	3	2	3	2	0	0	1
50000-100000	7	7	0	1	0	1	1	1	0	3	0	0	0	0
100000-250000	5	5	1	1	0	0	1	0	0	1	0	1	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	2	2	1	0	0	0	0	1	0	0	0	0	0	0
TOTALS	552	599	12	100	82	95	98	45	32	47	26	16	7	39

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ILLINOIS

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	62	77	35	21	2	3	3	2	2	2	1	1	0	5
500-1000	102	108	44	33	10	5	8	0	2	1	0	0	0	5
1000-2500	172	187	36	88	13	13	14	3	4	6	1	1	1	7
2500-5000	89	93	9	42	18	5	8	2	2	5	0	1	0	1
5000-10000	61	65	3	34	10	5	5	5	3	0	0	0	0	0
10000-25000	42	47	5	17	14	3	3	0	2	0	1	1	0	1
25000-50000	16	17	1	4	3	3	3	1	0	1	1	0	0	0
50000-100000	8	8	0	1	1	3	0	1	1	1	0	0	0	0
100000-250000	5	5	0	2	0	1	0	0	1	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	3	3	0	0	0	0	0	0	0	2	0	1	0	0
TOTALS	560	610	133	242	71	41	44	14	17	19	4	5	1	19

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

I L L I N O I S

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		4	1	10	8	8	1	5	7	0	0	44	0
NO TREATMENT		0	0	0	0	0	0	0	1	0	0	1	140000
PRIMARY		0	0	3	2	2	0	0	0	0	0	7	52735
SECONDARY		4	1	7	6	6	1	5	6	0	0	36	5700355
POPULATION SERVED		1520	6500	28730	58425	144215	38000	346000	5269700	0	0	0	5893090
SERVED COMM./FAC.		0	2	3	3	5	3	9	120	0	0	145	0
BELOW 500	1*	0	0	0	0	0	0	0	6	0	0	6	2290
500 - 999	2*	0	0	0	2	0	0	0	4	0	0	6	4730
1000 - 4999	3*	0	1	3	1	3	1	3	29	0	0	41	107700
5000 - 9999	4*	0	1	0	0	1	1	0	29	0	0	32	211760
10000 - 24999	5*	0	0	0	0	1	1	1	33	0	0	36	568910
25000 - 49999	6*	0	0	0	0	0	0	5	10	0	0	15	468715
50000 - 99999	7*	0	0	0	0	0	0	0	8	0	0	8	546455
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	1	0	0	1	3550405
POPULATION SERVED		0	4270	9255	3090	32610	27150	190835	5193755	0	0	0	5460965

TABLE A-8A

ILLINOIS

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		11	3	1	1		10			5	5	1	20
< 500			1				2						2
500–1000			3				11			3	1	2	15
1000–2500		3	3	1			16			3	4		26
2500–5000			5			1	9			4	5	2	20
5000–10000		1	3				14			1	1	1	20
10000–25000		3	1				7			1	1		10
25000–50000			1			1	2			1		1	3
50000–100000		1	1				1			1	2		5
100000–250000										1			1
250000–500000													
> 500000							2						1
Total		19	21	2	1	2	74			20	19	7	123
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		3				1	21			4		2	31
1969		4	4				4						12
1970		1	1	1			3						6
1971													
1972		2	5	1	1	1	31					1	42
1973 or later		3	6				12			13	19	2	55
Date not given		6	5				3			3		2	19
Total Projects		19	21	2	1	2	74			20	19	7	165

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

INDIANA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	2	8,815
<=500	0	0	0	7	7	2,580	10	3,935
500-1000	1	1	670	5	5	4,070	39	29,130
1000-2500	12	12	19,490	30	28	52,185	61	82,845
2500-5000	9	8	25,920	26	26	101,125	13	42,825
5000-10000	5	5	33,955	30	27	195,765	2	17,035
10000-25000	9	9	127,080	22	16	245,880	0	0
25000-50000	3	3	110,055	8	7	295,055	0	0
50000-100000	0	0	0	2	2	111,385	1	84,885
100000-250000	2	1	141,500	10	4	624,750	0	0
250000-500000	0	0	0	8	1	481,910	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	41	39	458,670	148	123	2,114,705	128	269,470

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

I N D I A N A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	32	1,599,687	8	721,498	1	20,000	5	329,900
UNDER 500................	9	589,329	4	183,132	0	0	0	0
500-1,000................	58	7,336,046	11	1,412,428	10	856,247	1	60,835
1,000-2,500..............	116	16,238,923	29	4,610,038	3	468,786	5	367,701
2,500-5,000..............	84	16,219,954	11	3,961,350	3	346,959	8	1,379,899
5,000-10,000.............	83	20,299,933	5	1,415,256	1	505,500	8	2,677,813
10,000-25,000............	95	10,968,359	1	694,195	1	402,165	6	774,641
25,000-50,000............	80	21,738,433	1	20,000	0	0	8	7,611,987
50,000-100,000...........	16	4,960,055	1	84,653	0	0	0	0
100,000-250,000..........	143	28,488,909	0	0	0	0	6	11,740,375
250,000 AND OVER.........	100	37,607,628	2	7,647,956	0	0	8	14,625,396
TOTAL....................	816	166,047,256	73	20,750,506	19	2,599,657	55	39,568,547

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	2	73,438	16	454,851
UNDER 500................	0	0	1	33,969	0	0	4	372,228
500-1,000................	5	697,919	0	0	3	288,251	28	4,020,366
1,000-2,500..............	17	1,918,805	0	0	6	733,618	56	8,139,975
2,500-5,000..............	10	1,672,517	0	0	3	785,564	49	8,073,665
5,000-10,000.............	12	6,590,461	0	0	3	3,466,469	54	5,644,434
10,000-25,000............	11	3,072,614	0	0	3	1,548,542	73	4,476,202
25,000-50,000............	6	6,467,307	0	0	1	476,672	64	7,162,467
50,000-100,000...........	4	2,162,091	0	0	0	0	11	2,713,311
100,000-250,000..........	15	6,625,382	0	0	4	785,363	118	9,337,789
250,000 AND OVER.........	10	7,485,420	0	0	2	999,745	78	6,849,111
TOTAL....................	90	36,692,516	1	33,969	27	9,157,662	551	57,244,399

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

INDIANA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	50	36	8	38,750	1	2,000
<=500	0	0	0	7	7	2,910	9	4,155
500-1000	3	3	3,190	29	26	21,380	30	21,550
1000-2500	12	12	21,420	58	57	95,375	38	47,230
2500-5000	8	8	24,565	37	36	144,160	4	13,115
5000-10000	5	5	35,740	32	28	216,290	0	5,765
10000-25000	9	6	102,470	27	19	282,740	0	0
25000-50000	2	2	63,855	10	8	340,045	0	0
50000-100000	1	1	70,000	2	2	111,385	0	14,885
100000-250000	3	1	141,560	11	4	688,920	0	0
250000-500000	0	0	0	7	1	492,300	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	44	39	462,850	256	196	2,434,255	82	108,700

TABLE A-5A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
INDIANA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	14	31	0	9	8	4	1	2	0	2	0	1	0	4
500-1000	35	47	0	13	9	5	5	5	1	3	4	0	1	1
1000-2500	65	82	0	13	16	14	18	7	4	6	2	0	0	2
2500-5000	46	48	2	8	10	1	7	4	2	12	1	0	0	1
5000-10000	37	41	2	6	5	6	3	3	5	6	3	0	0	2
10000-25000	24	25	0	1	4	2	4	3	1	7	3	0	0	0
25000-50000	10	10	0	0	0	0	0	2	1	2	3	1	1	0
50000-100000	4	4	0	0	0	0	0	0	0	0	1	1	2	0
100000-250000	4	5	0	0	0	0	0	0	1	2	0	1	0	1
250000-500000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	240	294	4	50	52	32	38	26	15	41	17	4	4	11

TABLE A-6A

RUN DATE 69/02/10

1968 MUNICIPAL WASTE INVENTORY
INDIANA

PRELIMINARY

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	15	33	1	9	8	4	1	2	0	0	0	1	0	7
500-1000	35	48	3	19	12	1	3	5	2	0	0	0	0	3
1000-2500	65	82	8	34	15	5	9	3	1	1	3	1	1	1
2500-5000	46	48	3	23	7	4	1	6	0	1	3	0	0	0
5000-10000	37	41	2	12	13	3	1	1	2	5	1	0	1	0
10000-25000	24	25	0	5	5	3	3	3	3	2	0	1	0	0
25000-50000	10	10	0	1	0	0	2	0	1	2	1	2	0	1
50000-100000	5	5	0	0	0	0	0	1	1	1	1	0	1	0
100000-250000	4	5	0	1	0	0	1	0	0	2	1	0	0	0
250000-500000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	242	298	17	104	60	20	21	21	10	15	10	5	3	12

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

I N D I A N A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	0	2	0	0	0	1	0	0	3	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	2	0	0	0	1	0	0	3	144800
POPULATION SERVED		0	0	0	12800	0	0	0	132000	0	0	0	144800
SERVED COMM./FAC.		0	0	0	1	0	0	0	4	0	0	5	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	1	0	0	0	0	0	0	1	2800
5000 - 9999	4*	0	0	0	0	0	0	0	2	0	0	2	15445
10000 - 24999	5*	0	0	0	0	0	0	0	2	0	0	2	11700
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	2800	0	0	0	27145	0	0	0	29945

TABLE A-8A

INDIANA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		6				1	1						8
< 500		7			1		1						9
500-1000		28	1		2		6					1	35
1000-2500		31	2	1	4		23			3		2	60
2500-5000		4	3	1	2	1	9			3		13	33
5000-10000			1		5	1	8		1	1		14	29
10000-25000			3		1		10			2		7	20
25000-50000			2		5		2			1		2	10
50000-100000			1			1	1					1	3
100000-250000			1		1		5			1		4	5
250000-500000							4					1	
> 500000													1
Total		76	14	2	21	4	70		1	11		45	213
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		14	1	2	6	1	14			3			41
1969			3				5			4			12
1970		17	1		5		7		1	1			32
1971													
1972		37	8		8		30			1		1	85
1973 or later		7			2	3	1					40	53
Date not given		1	1				13			2		4	21
Total Projects		76	14	2	21	4	70		1	11		45	244

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

IOWA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	4	4	14,300	0	0
<=500	9	9	2,360	30	28	8,955	8	2,505
500-1000	9	9	5,175	116	112	71,160	21	11,600
1000-2500	9	5	6,370	101	95	129,655	25	30,065
2500-5000	1	1	4,000	41	37	113,855	4	13,200
5000-10000	1	1	5,500	31	28	180,100	1	6,500
10000-25000	0	0	0	9	5	80,000	3	46,500
25000-50000	2	2	66,000	4	4	116,000	1	30,000
50000-100000	2	2	136,000	2	2	155,000	2	134,000
100000-250000	0	0	0	1	1	208,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	33	29	225,405	339	316	1,077,025	65	274,370

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

I O W A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	13	139,088	1	9,085	4	36,440	0	0
UNDER 500................	99	4,187,035	8	451,540	30	823,405	0	0
500-1,000................	143	7,334,265	14	1,243,317	41	1,274,529	3	76,972
1,000-2,500..............	99	4,737,513	9	1,026,296	15	663,441	8	548,327
2,500-5,000..............	75	5,371,197	6	1,544,024	2	133,491	9	1,117,277
5,000-10,000.............	78	7,134,141	4	1,806,810	2	302,685	6	856,094
10,000-25,000............	82	10,888,976	3	2,652,851	3	233,133	3	1,562,707
25,000-50,000............	68	9,204,431	1	1,059,973	0	0	3	1,948,968
50,000-100,000...........	125	11,455,295	1	684,200	0	0	7	4,212,059
100,000-250,000..........	61	9,247,062	1	20,000	0	0	4	3,780,655
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	843	69,699,003	48	10,498,096	97	3,467,124	43	14,103,059

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	10,557	0	0	7	83,006
UNDER 500................	3	41,263	14	255,747	5	288,558	39	2,326,522
500-1,000................	10	281,488	27	603,159	9	406,223	39	3,448,577
1,000-2,500..............	4	173,604	9	355,206	6	368,038	48	1,602,601
2,500-5,000..............	2	83,093	3	340,962	1	83,800	52	2,068,550
5,000-10,000.............	5	1,194,934	3	206,701	3	599,116	55	2,167,801
10,000-25,000............	6	1,992,700	4	848,048	1	569,200	62	3,030,337
25,000-50,000............	7	3,007,875	3	463,671	1	89,477	53	2,634,467
50,000-100,000...........	9	2,053,391	1	8,362	1	10,210	106	4,487,073
100,000-250,000..........	1	487,158	1	1,693,005	0	0	54	3,266,244
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	47	9,315,506	66	4,785,418	27	2,414,622	515	25,115,178

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

IOWA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	3	2	4,200	0	0
<=500	7	7	1,730	79	77	23,980	3	950
500-1000	3	3	2,075	165	160	98,945	8	4,050
1000-2500	9	9	12,675	117	108	140,690	10	12,290
2500-5000	0	0	0	45	41	124,910	2	7,000
5000-10000	1	1	5,500	34	29	195,100	1	6,500
10000-25000	3	3	46,500	11	5	80,700	0	0
25000-50000	3	3	96,000	4	4	118,200	0	0
50000-100000	4	4	278,000	3	2	175,000	0	0
100000-250000	0	0	0	2	1	219,600	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	30	30	442,480	463	429	1,181,225	24	30,790

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
IOWA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	92	99	3	23	12	9	18	8	5	14	2	0	0	5
500-1000	150	161	5	45	17	26	24	15	10	7	5	1	0	6
1000-2500	95	101	2	29	16	12	18	6	4	5	3	2	1	3
2500-5000	35	35	3	9	4	6	5	0	2	2	2	1	0	1
5000-10000	26	29	1	7	2	4	1	1	4	2	4	0	2	1
10000-25000	8	8	0	0	0	1	0	0	1	3	0	1	1	1
25000-50000	7	7	0	1	1	1	1	0	1	1	1	0	0	0
50000-100000	6	6	0	0	0	0	0	0	3	1	1	1	0	0
100000-250000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	420	447	14	114	52	59	67	31	30	35	18	6	4	17

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
IOWA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	113	123	111	9	2	1	0	0	0	0	0	0	0	0
500-1000	162	174	130	33	3	3	2	2	1	0	0	0	0	0
1000-2500	102	108	69	24	4	4	2	2	2	0	0	0	0	1
2500-5000	35	35	27	6	1	0	0	0	1	0	0	0	0	0
5000-10000	27	30	10	9	4	3	0	1	1	1	1	0	0	0
10000-25000	8	8	6	0	0	1	0	1	0	0	0	0	0	0
25000-50000	7	7	2	4	0	0	0	0	0	1	0	0	0	0
50000-100000	6	6	2	0	0	0	2	0	1	0	0	1	0	0
100000-250000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	461	492	357	86	14	12	6	6	6	2	1	1	0	1

TABLE A-7A

I O W A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	1	0	1	2	2	1	0	0	7	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	1	1	0	0	0	2	111000
SECONDARY		0	0	1	0	1	1	1	1	0	0	5	347000
POPULATION SERVED		0	0	4000	0	12000	64000	170000	208000	0	0	0	458000
SERVED COMM./FAC.		0	0	5	0	1	2	2	3	0	0	13	0
BELOW 500	1*	0	0	2	0	1	0	0	0	0	0	3	1330
500 - 999	2*	0	0	1	0	0	0	0	0	0	0	1	950
1000 - 4999	3*	0	0	2	0	0	2	0	1	0	0	5	7850
5000 - 9999	4*	0	0	0	0	0	0	0	1	0	0	1	1500
10000 - 24999	5*	0	0	0	0	0	0	2	1	0	0	3	18500
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	5450	0	280	3400	14500	6500	0	0	0	30130

TABLE A-8A

IOWA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown					1		1						2
< 500		4	1	1	9								15
500–1000	1	5		2	20		1						29
1000–2500	1	7	1	2	17		3						31
2500–5000		1			10		1						12
5000–10000					6								6
10000–25000					3		5						7
25000–50000				1	1		2						4
50000–100000	1						2						3
100000–250000													
250000–500000													
> 500000													
Total	3	17	2	6	67		15						109
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		13	1	1	14								29
1969	2	3	1	2	15								23
1970		1					15						16
1971													
1972				3	36								39
1973 or later													
Date not given	1				2								3
Total Projects	3	17	2	6	67		15						110

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

KANSAS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	0	650	5	4	10,000	1	1,200
<=500	2	2	450	62	61	20,135	2	460
500-1000	9	9	5,540	71	69	112,480	2	1,000
1000-2500	12	12	17,290	77	75	117,735	2	2,850
2500-5000	5	5	18,170	32	31	99,840	2	8,300
5000-10000	3	3	19,100	9	9	66,300	0	0
10000-25000	2	2	37,000	19	17	231,400	2	35,000
25000-50000	1	1	32,800	2	2	81,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	1	0	8,000	1	1	119,400	1	107,000
250000-500000	2	0	4,300	6	1	310,850	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	38	34	143,300	284	270	1,169,140	12	155,810

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS　　K A N S A S

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	10	143,396	1	12,417	0	0	4	65,421
UNDER 500................	135	5,801,709	7	250,058	42	1,399,556	1	44,510
500-1,000................	37	2,030,811	1	89,200	9	364,086	5	375,811
1,000-2,500..............	64	3,944,756	9	1,087,094	8	556,816	4	422,568
2,500-5,000..............	46	3,169,243	1	159,423	2	226,446	9	953,380
5,000-10,000.............	30	2,102,602	0	0	1	4,757	1	108,000
10,000-25,000............	147	8,109,825	1	7,568	0	0	9	2,317,640
25,000-50,000............	65	4,506,335	1	39,732	0	0	5	1,371,886
50,000-100,000...........	1	18,163	0	0	0	0	0	0
100,000-250,000..........	178	30,159,674	2	3,782,584	1	22,000	9	4,267,167
250,000 AND OVER.........	139	4,898,033	0	0	0	0	0	0
TOTAL....................	852	64,884,547	23	5,428,076	63	2,573,661	47	9,926,383

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	1	14,895	4	50,663
UNDER 500................	3	75,359	2	25,091	22	708,840	58	3,298,295
500-1,000................	2	59,622	1	9,738	4	113,706	15	1,018,648
1,000-2,500..............	1	20,197	2	62,303	5	313,546	35	1,482,232
2,500-5,000..............	2	131,325	1	44,295	4	499,887	27	1,154,487
5,000-10,000.............	3	102,905	0	0	3	804,135	22	1,082,805
10,000-25,000............	3	558,560	0	0	3	158,772	131	5,067,285
25,000-50,000............	1	12,872	1	9,970	1	81,712	56	2,990,163
50,000-100,000...........	0	0	0	0	0	0	1	18,163
100,000-250,000..........	18	7,619,824	4	1,449,101	5	1,347,510	139	11,671,488
250,000 AND OVER.........	1	5,359	1	141,911	0	0	137	4,750,763
TOTAL....................	34	8,586,023	12	1,742,409	48	4,043,003	625	32,584,992

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

KANSAS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	4	2	13,700	14	11	43,575	0	750
<=500	2	2	550	139	138	46,130	10	2,605
500-1000	7	7	5,650	88	84	140,360	2	955
1000-2500	10	10	14,800	83	79	147,170	1	1,190
2500-5000	5	5	26,600	35	32	119,535	1	3,800
5000-10000	3	2	19,875	10	10	84,000	0	0
10000-25000	4	4	110,000	20	17	330,550	0	0
25000-50000	1	1	43,000	3	2	86,575	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	1	0	8,000	2	1	120,300	1	218,000
250000-500000	2	0	700	7	0	310,600	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	39	33	242,875	401	374	1,428,795	15	227,300

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
KANSAS

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	132	136	1	8	11	38	23	15	13	13	7	4	0	3
500-1000	94	96	3	19	18	17	17	5	8	7	2	0	0	0
1000-2500	96	100	3	25	11	22	19	5	10	3	1	0	1	0
2500-5000	42	47	2	9	16	9	3	3	2	1	1	0	0	1
5000-10000	15	18	0	5	2	1	4	1	0	3	1	0	0	1
10000-25000	21	21	0	4	7	4	5	0	0	0	0	0	0	1
25000-50000	9	9	0	2	3	1	0	1	0	0	0	1	1	0
50000-100000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
250000-500000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	412	430	9	73	69	92	71	31	33	27	12	5	2	6

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
KANSAS

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	134	138	3	86	29	8	4	0	1	2	0	0	0	5
500-1000	94	96	3	62	22	2	2	3	0	1	0	0	0	1
1000-2500	96	101	1	76	10	5	3	2	3	0	0	0	0	1
2500-5000	42	47	0	33	10	2	0	2	0	0	0	0	0	0
5000-10000	15	18	1	13	0	1	1	1	1	0	0	0	0	0
10000-25000	21	21	0	8	3	8	1	0	0	0	0	0	0	1
25000-50000	9	9	0	6	1	0	0	1	0	1	0	0	0	0
50000-100000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
250000-500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	414	433	8	286	75	26	12	9	5	4	0	0	0	8

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

K A N S A S

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		1	1	1	1	1	1	1	3	0	0	10	0
NO TREATMENT		0	0	1	0	0	1	0	1	0	0	3	108200
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		1	1	0	1	1	0	1	2	0	0	7	496840
POPULATION SERVED		1090	850	1200	7000	14500	41000	60000	479400	0	0	0	605040
SERVED COMM./FAC.		3	0	1	0	1	0	7	5	0	0	17	0
BELOW 500	1*	3	0	0	0	0	0	1	2	0	0	6	1695
500 - 999	2*	0	0	0	0	1	0	0	0	0	0	1	890
1000 - 4999	3*	0	0	1	0	0	0	2	2	0	0	5	9030
5000 - 9999	4*	0	0	0	0	0	0	2	1	0	0	3	21545
10000 - 24999	5*	0	0	0	0	0	0	1	0	0	0	1	21110
25000 - 49999	6*	0	0	0	0	0	0	1	0	0	0	1	25355
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		660	0	1200	0	890	0	64010	12865	0	0	0	79625

TABLE A-8A

KANSAS

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		2			1								3
< 500		7			1								8
500–1000		1	3										4
1000–2500		1	3										4
2500–5000			1										1
5000–10000													
10000–25000													
25000–50000													
50000–100000													
100000–250000	1												1
250000–500000													
> 500000													
Total	1	11	7		2								21
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968	1	2											3
1969		5	2										7
1970		1	3										4
1971													
1972													
1973 or later													
Date not given		3	2		2								7
Total Projects	1	11	7		2								21

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

KENTUCKY

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	146,380	1	0	615	0	0
<=500	1	1	1,200	1	1	600	1	450
500-1000	3	3	2,555	5	4	3,275	5	4,050
1000-2500	11	11	15,390	19	17	33,245	28	41,635
2500-5000	8	8	26,550	17	17	64,960	12	42,965
5000-10000	1	1	7,120	16	15	99,675	2	14,445
10000-25000	3	3	50,375	7	7	88,365	0	0
25000-50000	4	3	133,290	2	1	3,900	0	0
50000-100000	0	0	0	4	1	66,610	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	1	399,375	7	0	16,120	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	33	32	782,235	79	63	377,365	48	103,545

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

K E N T U C K Y

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	19	936,026	7	377,391	0	0	3	348,589
UNDER 500................	30	2,080,337	5	370,296	2	48,994	0	0
500-1,000................	42	4,280,220	8	836,863	2	91,694	1	11,424
1,000-2,500..............	115	16,223,643	30	4,485,649	5	534,585	4	595,355
2,500-5,000..............	80	15,475,456	21	5,425,884	0	0	6	1,306,798
5,000-10,000.............	66	8,476,095	2	838,352	0	0	7	2,137,879
10,000-25,000............	31	5,264,087	1	524,864	0	0	1	319,351
25,000-50,000............	31	3,224,381	2	256,205	0	0	2	28,451
50,000-100,000...........	83	7,775,892	0	0	0	0	4	350,567
100,000-250,000..........	6	1,179,417	0	0	0	0	0	0
250,000 AND OVER.........	210	14,291,938	7	739,339	0	0	2	539,000
TOTAL....................	713	79,207,492	83	13,854,843	9	675,273	30	5,637,414

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	1	17,047	8	192,999
UNDER 500................	4	193,849	2	73,548	5	151,382	12	1,242,268
500-1,000................	7	668,798	0	0	7	355,934	17	2,315,507
1,000-2,500..............	26	2,454,681	2	115,268	13	754,437	35	7,283,668
2,500-5,000..............	12	3,001,051	1	154,445	8	991,406	32	4,595,872
5,000-10,000.............	3	937,764	3	382,820	6	445,842	45	3,733,438
10,000-25,000............	6	1,699,262	1	20,000	4	314,323	18	2,386,287
25,000-50,000............	4	149,002	0	0	3	263,168	20	2,527,555
50,000-100,000...........	6	1,117,698	3	465,056	4	57,682	66	5,784,889
100,000-250,000..........	0	0	0	0	1	605,235	5	574,182
250,000 AND OVER.........	12	2,619,575	0	0	4	813,660	185	9,580,364
TOTAL....................	80	12,841,680	12	1,211,137	56	4,770,116	443	40,217,029

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

KENTUCKY

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	3	164,680	33	11	40,000	0	0
<=500	1	1	460	16	10	4,950	1	450
500-1000	1	1	700	16	14	11,760	6	4,685
1000-2500	8	8	12,770	54	52	82,462	5	7,125
2500-5000	6	6	23,145	45	32	132,120	2	4,825
5000-10000	2	2	15,595	15	15	99,675	0	0
10000-25000	3	3	50,375	8	7	92,100	0	0
25000-50000	3	3	108,950	3	1	29,740	0	0
50000-100000	0	0	0	6	1	70,710	0	1,300
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	1	399,375	7	0	16,120	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	28	28	776,050	203	143	579,637	14	18,385

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
KENTUCKY

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	17	30	0	22	2	0	1	0	0	3	0	1	0	1
500-1000	22	36	1	17	7	1	2	1	0	2	1	1	0	3
1000-2500	63	83	2	23	12	16	8	8	5	4	0	3	0	2
2500-5000	38	43	2	5	7	11	4	5	3	1	2	1	1	1
5000-10000	18	19	0	2	3	0	2	3	3	3	2	0	1	0
10000-25000	9	9	0	2	1	1	1	1	2	0	0	0	0	1
25000-50000	4	4	0	0	1	0	0	2	1	0	0	0	0	0
50000-100000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
100000-250000	1	1	0	0	0	0	0	0	0	0	0	0	1	0
250000-500000	1	1	0	0	0	0	0	0	0	0	1	0	0	0
>500000	1	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTALS	175	228	5	71	33	29	18	20	15	13	6	6	3	9

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
KENTUCKY

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	17	30	0	22	2	0	1	0	0	3	0	1	0	1
500-1000	22	36	1	17	7	1	2	1	0	2	1	1	0	3
1000-2500	63	83	2	24	13	15	8	8	5	4	0	3	0	1
2500-5000	38	43	2	5	7	11	4	5	3	1	2	1	1	1
5000-10000	18	19	0	2	3	0	2	3	3	3	2	0	1	0
10000-25000	9	9	0	2	1	1	1	1	2	0	0	0	0	1
25000-50000	4	4	0	0	1	0	0	2	1	0	0	0	0	0
50000-100000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
100000-250000	1	1	0	0	0	0	0	0	0	0	0	0	1	0
250000-500000	1	1	0	0	0	0	0	0	0	0	1	0	0	0
>500000	1	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTALS	175	228	5	72	34	28	18	20	15	13	6	6	3	8

TABLE A-7A

KENTUCKY

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	1	0	0	1	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	1	0	0	1	146380
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	146380	0	0	0	146380

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVED COMM./FAC.	0	0	0	0	0	0	1	20	0	0	21	0
BELOW 500 1*	0	0	0	0	0	0	0	6	0	0	6	1490
500 - 999 2*	0	0	0	0	0	0	0	3	0	0	3	2515
1000 - 4999 3*	0	0	0	0	0	0	1	5	0	0	6	17650
5000 - 9999 4*	0	0	0	0	0	0	0	3	0	0	3	24620
10000 - 24999 5*	0	0	0	0	0	0	0	1	0	0	1	14895
25000 - 49999 6*	0	0	0	0	0	0	0	1	0	0	1	30070
50000 - 99999 7*	0	0	0	0	0	0	0	1	0	0	1	60375
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	1745	149870	0	0	0	151615

TABLE A-8A

KENTUCKY

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	2	13											15
< 500		2			1								3
500–1000	3	1			1								5
1000–2500	3	1	1		7								12
2500–5000		1			4								5
5000–10000					3								3
10000–25000					2								2
25000–50000				1									1
50000–100000					1								1
100000–250000													
250000–500000			1										1
> 500000													
Total	8	18	2	1	19								48
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969													
1970													
1971													
1972													
1973 or later													
Date not given	8	18	2	1	19								48
Total Projects	8	18	2	1	19								48

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

LOUISIANA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	11,300	5	2	78,460	1	1,800
<=500	0	0	0	10	3	5,575	0	0
500-1000	3	3	1,650	8	8	5,470	1	875
1000-2500	4	4	4,960	15	12	26,305	6	8,765
2500-5000	1	1	500	28	26	88,248	8	25,655
5000-10000	1	0	1,000	18	17	104,320	4	27,140
10000-25000	0	0	0	15	11	164,775	6	88,910
25000-50000	0	0	0	7	2	66,675	2	68,470
50000-100000	0	0	0	10	1	74,335	1	52,000
100000-250000	1	1	193,485	0	0	0	1	160,000
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	1	840,000
TOTALS	11	10	212,895	116	82	614,163	31	1,273,615

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

L O U I S I A N A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	16	762,588	4	143,560	0	0	2	463,112
UNDER 500................	9	737,606	2	487,346	1	12,973	0	0
500-1,000................	8	2,234,487	1	395,000	1	31,963	0	0
1,000-2,500..............	33	4,293,813	2	226,877	8	680,825	1	92,255
2,500-5,000..............	65	14,723,852	3	776,909	5	334,985	0	0
5,000-10,000.............	29	5,042,788	4	1,815,754	1	84,260	3	553,591
10,000-25,000............	72	16,501,733	7	4,130,920	5	485,569	8	997,079
25,000-50,000............	10	2,975,471	1	817,500	0	0	0	0
50,000-100,000...........	73	24,605,880	4	5,692,413	2	35,760	8	3,632,433
100,000-250,000..........	106	31,439,807	8	4,089,285	0	0	2	17,431
250,000 AND OVER.........	1	56,225	0	0	0	0	0	0
TOTAL....................	422	103,374,250	36	18,575,564	23	1,666,335	24	5,755,901

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	21,000	2	32,384	7	102,532
UNDER 500................	0	0	0	0	1	23,062	5	214,225
500-1,000................	0	0	0	0	2	119,230	4	1,688,294
1,000-2,500..............	8	740,000	0	0	6	1,317,604	8	1,236,252
2,500-5,000..............	12	3,380,330	1	683,584	12	2,626,790	32	6,921,254
5,000-10,000.............	5	919,954	0	0	4	185,429	12	1,483,800
10,000-25,000............	5	1,448,460	0	0	13	4,039,776	34	5,399,929
25,000-50,000............	0	0	1	32,675	2	818,833	6	1,306,463
50,000-100,000...........	7	3,251,528	3	2,198,069	13	2,995,831	36	6,799,846
100,000-250,000..........	7	2,432,252	0	0	15	10,258,155	74	14,642,684
250,000 AND OVER.........	0	0	0	0	0	0	1	56,225
TOTAL....................	44	12,172,524	6	2,935,328	70	22,417,094	219	39,851,504

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

LOUISIANA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	195,000	15	3	210,800	1	5,500
<=500	0	0	0	6	4	16,730	0	0
500-1000	2	2	1,100	11	11	8,985	0	0
1000-2500	5	4	5,975	26	24	45,895	5	12,915
2500-5000	0	0	0	45	32	174,550	3	13,480
5000-10000	1	0	1,000	20	17	128,075	4	31,580
10000-25000	2	2	19,200	19	12	189,520	4	77,250
25000-50000	0	0	0	6	2	93,520	2	77,670
50000-100000	0	0	0	11	2	139,590	0	0
100000-250000	0	0	0	6	1	5,970	1	196,000
250000-500000	0	0	0	0	0	0	0	0
>500000	1	0	149,000	2	0	12,500	1	518,500
TOTALS	12	9	371,275	167	108	1,026,135	21	932,895

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
LOUISIANA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	3	17	0	2	4	0	1	1	0	3	2	0	1	3
500-1000	5	9	1	3	0	3	0	0	1	0	0	0	0	1
1000-2500	16	21	0	7	5	3	1	1	0	0	1	1	0	2
2500-5000	18	21	1	7	1	3	1	1	3	1	0	0	0	3
5000-10000	25	26	1	4	5	5	2	0	6	1	1	1	0	0
10000-25000	9	11	1	3	1	2	3	0	0	0	0	0	0	1
25000-50000	4	6	0	4	0	1	0	1	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	1	2	0	0	0	0	1	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	81	113	4	30	16	17	9	4	10	6	4	2	1	10

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

LOUISIANA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	3	17	1	3	4	0	1	1	0	3	0	0	1	3
500-1000	6	10	1	3	0	4	0	0	1	0	0	0	0	1
1000-2500	19	24	1	13	3	2	1	1	0	0	0	1	0	2
2500-5000	20	23	2	11	2	2	2	1	1	0	0	0	0	2
5000-10000	26	27	4	7	5	4	3	1	2	1	0	0	0	0
10000-25000	9	11	2	5	0	1	3	0	0	0	0	0	0	0
25000-50000	4	6	0	4	0	1	0	1	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	1	2	0	0	0	0	1	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	88	120	11	46	14	14	11	5	4	5	0	1	1	8

RUN DATE 68/12/17 PRELIMINARY

TABLE A-7A

LOUISIANA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	1	0	0	0	0	0	1	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	1	0	0	0	0	0	1	11300
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	11300	0	0	0	0	0	0	11300
SERVED COMM./FAC.	0	0	0	0	1	0	0	0	0	0	1	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	1	0	0	0	0	0	1	9000
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	9000	0	0	0	0	0	0	9000

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MAINE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	1	120
500-1000	0	0	0	0	0	0	5	3,650
1000-2500	3	2	2,575	0	0	0	31	36,708
2500-5000	6	5	13,300	1	1	200	26	65,600
5000-10000	2	2	2,700	1	0	600	13	61,700
10000-25000	3	1	10,220	1	1	14,400	11	141,680
25000-50000	0	0	0	0	0	0	2	61,000
50000-100000	0	0	0	0	0	0	1	65,000
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	14	10	28,795	3	2	15,200	90	435,458

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

M A I N E

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	6	360,065	4	157,625	0	0	0	0
UNDER 500................	1	21,977	0	0	0	0	0	0
500-1,000................	14	2,533,813	3	701,510	0	0	0	0
1,000-2,500..............	12	1,286,064	5	742,183	0	0	0	0
2,500-5,000..............	13	2,633,257	1	454,000	0	0	0	0
5,000-10,000.............	10	1,033,370	2	583,043	0	0	0	0
10,000-25,000............	41	7,553,705	5	2,617,240	1	36,160	4	977,438
25,000-50,000............	15	5,053,280	0	0	1	89,490	1	112,800
50,000-100,000...........	37	1,839,089	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	149	22,314,620	20	5,255,601	2	125,650	5	1,090,238

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	1	120,640	1	81,800
UNDER 500................	0	0	0	0	0	0	1	21,977
500-1,000................	2	144,687	0	0	4	1,212,272	5	475,344
1,000-2,500..............	5	379,705	0	0	0	0	2	164,176
2,500-5,000..............	2	225,540	0	0	4	1,378,019	6	575,698
5,000-10,000.............	2	317,564	0	0	0	0	6	132,763
10,000-25,000............	9	2,873,828	2	164,186	1	31,205	19	853,648
25,000-50,000............	4	1,588,699	0	0	2	2,528,974	7	733,317
50,000-100,000...........	0	0	0	0	4	702,775	33	1,136,314
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	24	5,530,023	2	164,186	16	5,973,885	80	4,175,037

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MAINE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	1,200	2	2,900
<=500	0	0	0	0	0	0	1	130
500-1000	0	0	0	0	0	0	6	4,300
1000-2500	6	5	8,275	1	1	800	22	30,740
2500-5000	6	5	16,560	3	3	10,550	23	65,615
5000-10000	2	2	3,000	1	0	600	16	82,545
10000-25000	6	5	46,220	3	2	20,500	7	103,780
25000-50000	1	1	38,000	1	1	800	0	36,000
50000-100000	0	0	0	0	0	0	1	70,000
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	21	18	112,055	10	8	34,450	78	396,010

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MAINE

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	3	4	0	1	0	0	0	0	0	2	0	0	0	1
1000-2500	9	9	1	1	0	0	0	1	2	2	1	0	1	0
2500-5000	5	5	0	2	0	0	0	0	0	3	0	0	0	0
5000-10000	4	4	1	1	0	1	0	0	0	1	0	0	0	0
10000-25000	4	4	0	1	0	0	0	0	1	1	0	1	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	25	26	2	6	0	1	0	1	3	9	1	1	1	1

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MAINE

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	3	4	0	1	1	0	0	0	0	1	0	0	0	1
1000-2500	11	12	3	3	3	0	0	0	1	1	1	0	0	0
2500-5000	5	5	0	4	0	0	1	0	0	0	0	0	0	0
5000-10000	4	4	2	1	0	0	1	0	0	0	0	0	0	0
10000-25000	4	4	0	1	0	0	3	0	0	0	0	0	0	0
25000-50000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	28	30	5	10	4	0	5	0	1	3	1	0	0	1

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

M A I N E

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-8A

MAINE

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		44											
< 500													40
500–1000		3											
1000–2500		21	3		1								3
2500–5000		21	5		2								24
5000–10000		17											28
10000–25000		7	4	1	1			1					17
25000–50000			1		1								13
50000–100000		1											2
100000–250000													1
250000–500000													
> 500000													
Total		114	13	1	5			1					128
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		7	1		1								9
1969		7			1								8
1970		8											8
1971		10	1										11
1972		10	2		1								13
1973 or later		72	9	1	2			1					85
Date not given													
Total Projects		114	13	1	5			1					134

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MARYLAND

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	45,000	0	0	0	0	0
<=500	5	5	2,975	2	2	700	2	590
500-1000	5	5	2,850	3	3	2,005	6	3,800
1000-2500	11	8	10,564	6	6	7,760	8	14,195
2500-5000	2	2	4,570	2	2	8,300	3	9,730
5000-10000	1	1	4,500	4	4	23,570	2	11,500
10000-25000	2	2	26,400	2	2	26,400	0	0
25000-50000	1	1	45,000	1	1	30,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	3	0	17,500	3	1	1,102,000	0	0
TOTALS	31	25	159,359	23	21	1,200,735	21	39,815

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

M A R Y L A N D

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	19	1,074,183	1	51,900	0	0	3	165,695
UNDER 500................	28	4,853,210	2	125,153	4	150,265	1	387,480
500-1,000................	19	2,212,823	2	316,395	3	198,000	2	361,587
1,000-2,500..............	45	7,336,317	6	933,472	1	204,422	3	777,405
2,500-5,000..............	24	4,617,540	3	561,489	1	254,000	0	0
5,000-10,000.............	21	4,014,803	1	1,124,571	0	0	2	838,917
10,000-25,000............	37	4,734,422	1	713,197	0	0	0	0
25,000-50,000............	49	8,741,148	1	256,710	1	543,596	1	353,846
50,000-100,000...........	29	7,894,346	1	673,818	1	53,447	0	0
100,000-250,000..........	44	9,973,126	3	3,078,012	0	0	1	1,829,000
250,000 AND OVER.........	542	39,107,808	3	3,282,792	1	17,741	4	504,221
TOTAL....................	857	94,559,726	24	11,117,509	12	1,421,471	17	5,218,151

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	63,613	1	16,529	13	776,446
UNDER 500................	7	2,048,874	0	0	5	1,206,211	9	935,227
500-1,000................	5	689,117	0	0	4	247,103	3	400,621
1,000-2,500..............	8	1,152,936	0	0	8	1,885,737	19	2,382,345
2,500-5,000..............	7	1,088,597	0	0	4	951,116	9	1,762,338
5,000-10,000.............	3	790,418	0	0	3	334,849	12	926,048
10,000-25,000............	6	1,940,368	0	0	3	1,394,739	27	686,118
25,000-50,000............	17	3,227,858	0	0	6	1,031,430	23	3,327,708
50,000-100,000...........	6	1,465,602	0	0	7	3,432,910	14	2,268,569
100,000-250,000..........	4	524,122	0	0	5	502,818	31	4,039,174
250,000 AND OVER.........	42	12,057,589	8	1,464,739	17	3,702,937	467	18,077,789
TOTAL....................	105	24,985,481	9	1,528,352	63	14,706,379	627	35,582,383

TABLE A-4A

PRELIMINARY

1969 MUNICIPAL WASTE INVENTORY

MARYLAND

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	NO. OF COMMUNI-TIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	45,000	0	0
<=500	4	4	710	20	16	58,025	0	0
500-1000	5	5	2,900	11	11	7,980	4	2,200
1000-2500	10	9	13,694	16	16	22,550	3	4,375
2500-5000	3	2	9,325	4	4	14,700	1	2,100
5000-10000	1	1	6,000	7	7	43,945	0	0
10000-25000	3	3	26,400	2	2	26,400	0	0
25000-50000	1	1	45,000	3	3	82,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	0	77,405	2	1	1,101,000	0	0
TOTALS	28	25	181,434	66	61	1,401,600	8	8,675

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MARYLAND

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	20	20	1	2	2	4	4	2	2	1	1	0	0	1
500-1000	16	17	0	0	1	3	3	1	0	0	0	3	0	6
1000-2500	26	27	0	0	2	5	4	4	1	4	2	0	1	4
2500-5000	11	11	0	1	0	2	2	0	1	2	1	0	0	2
5000-10000	5	5	0	0	2	0	2	0	0	0	1	0	0	0
10000-25000	4	4	0	0	0	0	0	0	0	1	0	2	1	0
25000-50000	6	6	0	0	1	1	1	0	2	1	0	0	0	0
50000-10000	0	1	0	0	0	0	0	0	1	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	89	92	1	3	8	15	17	7	7	9	5	5	2	13

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MARYLAND

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	20	20	2	2	2	4	4	2	1	1	1	0	0	1
500-1000	16	17	2	0	1	2	3	1	0	0	0	2	0	6
1000-2500	26	27	4	0	2	4	3	4	1	4	1	0	0	4
2500-5000	11	11	0	1	0	2	2	0	1	2	1	0	0	2
5000-10000	5	5	1	0	2	0	2	0	0	0	0	0	0	0
10000-25000	4	4	0	0	0	0	0	0	0	1	0	2	1	0
25000-50000	6	6	1	1	0	1	1	0	2	0	0	0	0	0
50000-100000	0	1	0	0	0	0	0	0	1	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	89	92	10	4	7	13	16	7	6	8	3	4	1	13

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

M A R Y L A N D

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		1	0	3	0	1	0	0	1	0	0	6	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		1	0	2	0	1	0	0	0	0	0	4	25700
SECONDARY		0	0	1	0	0	0	0	1	0	0	2	1104000
POPULATION SERVED		1800	0	11500	0	16400	0	0	1100000	0	0	0	1129700
SERVED COMM./FAC.		1	0	1	0	0	0	0	51	0	0	53	0
BELOW 500	1*	1	0	0	0	0	0	0	3	0	0	4	2075
500 - 999	2*	0	0	1	0	0	0	0	5	0	0	6	4680
1000 - 4999	3*	0	0	0	0	0	0	0	19	0	0	19	42061
5000 - 9999	4*	0	0	0	0	0	0	0	8	0	0	8	52170
10000 - 24999	5*	0	0	0	0	0	0	0	10	0	0	10	121406
25000 - 49999	6*	0	0	0	0	0	0	0	3	0	0	3	75575
50000 - 99999	7*	0	0	0	0	0	0	0	3	0	0	3	221480
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		900	0	900	0	0	0	0	517647	0	0	0	519447

TABLE A-8A

MARYLAND/DC

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		1	1			1							3
< 500			4		3	2	1						10
500–1000		5	2	1	3	2	2						15
1000–2500		5	6		9	4	2						26
2500–5000		2	2		2	1							7
5000–10000		1			1		1						3
10000–25000		2	2	1	2	2	1						10
25000–50000					1								1
50000–100000		1											1
100000–250000													
250000–500000													
> 500000			1		1	2	1	1	1				2
Total		17	18	2	22	14	8	1	1				78
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969													
1970													
1971													
1972													
1973 or later													
Date not given		17	18	2	22	14	8	1	1				83
Total Projects		17	18	2	22	14	8	1	1				83

RUN DATE 68/12/17

TABLE A-2A

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MASSACHUSETTS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	0	778,730	1	1	800	2	825,425
<=500	0	0	0	2	2	425	0	200
500-1000	0	0	0	3	2	1,900	2	250
1000-2500	1	1	450	6	6	7,400	12	9,690
2500-5000	3	2	2,400	8	7	14,890	7	15,340
5000-10000	3	3	4,980	10	9	33,920	13	36,145
10000-25000	10	10	115,660	16	15	118,670	12	105,740
25000-50000	2	2	42,445	3	3	76,750	3	74,300
50000-100000	1	1	95,000	2	2	118,000	5	360,985
100000-250000	2	1	166,000	1	1	170,000	1	100,260
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	1	355,400
TOTALS	23	20	1,205,665	52	48	542,755	58	1,883,735

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS MASSACHUSETTS

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	15	384,252	4	103,658	2	43,810	3	75,140
UNDER 500................	6	82,991	0	0	0	0	0	0
500-1,000................	7	1,038,854	1	472,424	1	42,000	0	0
1,000-2,500..............	25	2,171,917	4	820,809	0	0	0	0
2,500-5,000..............	20	2,097,807	1	201,641	0	0	1	188,735
5,000-10,000.............	53	6,349,289	2	1,307,710	0	0	5	825,145
10,000-25,000............	279	34,410,089	4	3,259,411	0	0	12	3,592,849
25,000-50,000............	137	18,915,625	0	0	0	0	3	1,772,700
50,000-100,000...........	128	25,636,690	3	5,965,973	0	0	4	21,256
100,000-250,000..........	32	3,593,201	0	0	0	0	0	0
250,000 AND OVER.........	55	29,788,752	0	0	0	0	6	18,225,483
TOTAL....................	757	124,469,467	19	12,131,626	3	85,810	34	24,701,308

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	30,000	1	25,021	4	106,623
UNDER 500................	0	0	0	0	1	20,460	5	62,531
500-1,000................	2	369,047	0	0	1	9,489	2	145,894
1,000-2,500..............	3	598,237	0	0	1	36,075	17	716,796
2,500-5,000..............	2	1,062,540	0	0	1	21,800	15	623,091
5,000-10,000.............	4	354,746	0	0	5	1,059,794	37	2,801,894
10,000-25,000............	27	6,411,880	2	172,726	15	2,360,918	219	18,612,305
25,000-50,000............	13	2,198,020	1	45,380	6	373,500	114	14,526,025
50,000-100,000...........	20	8,914,540	0	0	5	1,125,059	96	9,609,862
100,000-250,000..........	3	183,972	0	0	2	419,059	27	2,990,170
250,000 AND OVER.........	4	5,997,602	0	0	0	0	45	5,565,667
TOTAL....................	78	26,090,584	4	248,106	38	5,451,175	581	55,760,858

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MASSACHUSETTS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	800	1	112,000
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	2	250
1000-2500	1	1	450	4	4	4,100	17	19,020
2500-5000	4	2	3,880	11	10	16,040	12	36,435
5000-10000	7	5	813,115	13	12	42,514	13	776,135
10000-25000	12	11	128,455	21	19	127,900	13	121,115
25000-50000	2	2	44,400	3	3	84,100	3	74,300
50000-100000	2	2	147,500	2	2	112,000	4	310,485
100000-250000	2	1	166,000	1	1	170,000	1	100,260
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	1	355,400
TOTALS	30	24	1,303,800	56	52	557,454	67	1,905,400

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MASSACHUSETTS

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	6	0	1	1	0	0	1	0	0	0	0	0	3
500-1000	6	7	3	1	0	2	0	0	0	0	0	0	0	1
1000-2500	5	6	4	0	0	1	0	0	0	0	1	0	0	0
2500-5000	8	8	0	2	0	0	0	2	0	2	0	0	1	1
5000-10000	11	11	0	2	0	3	0	1	1	0	4	0	0	0
10000-25000	15	16	0	1	3	4	0	2	2	1	2	1	0	0
25000-50000	3	3	0	1	1	1	0	0	0	0	0	0	0	0
50000-100000	4	4	0	0	0	0	1	0	1	1	0	0	1	0
100000-250000	2	2	0	0	0	0	0	1	1	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	59	64	7	8	5	11	2	7	5	4	7	1	2	5

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MASSACHUSETTS

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	6	8	1	5	0	0	0	0	0	0	0	0	0	2
500-1000	9	10	3	4	0	2	0	0	0	0	1	0	0	0
1000-2500	8	9	5	2	0	1	1	0	0	0	0	0	0	0
2500-5000	14	14	0	4	2	3	2	2	0	1	0	0	0	0
5000-10000	12	12	0	5	1	0	0	3	0	2	0	1	0	0
10000-25000	16	17	1	5	6	1	2	1	0	1	0	0	0	0
25000-50000	3	3	0	1	1	0	1	0	0	0	0	0	0	0
50000-100000	4	4	0	0	0	1	2	0	0	1	0	0	0	0
100000-250000	2	2	0	0	0	1	0	1	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	74	80	10	26	10	9	9	7	0	5	1	1	0	2

RUN DATE 68/12/17

TABLE A-7A

MASSACHUSETTS

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

												TOTALS	
		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	3	6	0	0	9	0
NO TREATMENT		0	0	0	0	0	0	2	3	0	0	5	1091685
PRIMARY		0	0	0	0	0	0	0	2	0	0	2	928730
SECONDARY		0	0	0	0	0	0	1	1	0	0	2	225000
POPULATION SERVED		0	0	0	0	0	0	221000	2024415	0	0	0	2245415
SERVED COMM./FAC.		0	0	1	0	0	0	4	49	0	0	54	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	2	0	0	2	3165
5000 - 9999	4*	0	0	1	0	0	0	1	0	0	0	2	7460
10000 - 24999	5*	0	0	0	0	0	0	2	19	0	0	21	230030
25000 - 49999	6*	0	0	0	0	0	0	1	18	0	0	19	515385
50000 - 99999	7*	0	0	0	0	0	0	0	8	0	0	8	545935
100000 - 249999	8*	0	0	0	0	0	0	0	1	0	0	1	107535
250000 - 499999	9*	0	0	0	0	0	0	0	1	0	0	1	280045
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	1025	0	0	0	32110	1656420	0	0	0	1689555

TABLE A-8A

MASSACHUSETTS

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	1	1				1							4
< 500													
500–1000		1											1
1000–2500		6				1			1				7
2500–5000	2	2	2		6	2							11
5000–10000	1	6	2		1	3							12
10000–25000	4	14	5		2	1			1	1			27
25000–50000	3	5	1		1								10
50000–100000	1	3		1		2							5
100000–250000	1	1	2		1								3
250000–500000													
> 500000	1	1											1
Total	14	40	12	1	11	10			2	1			81
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968				1	1								2
1969		7	2			3			2				14
1970	1	17	3		2	2							25
1971		7			2	2				1			12
1972	8	7	1		3	1							20
1973 or later	4	2	6		3	1							16
Date not given	1					1							2
Total Projects	14	40	12	1	11	10			2	1			91

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MICHIGAN

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	2	1	233,500	3	3	41,130	0	0
<=500	4	4	1,125	2	2	800	0	0
500-1000	8	8	6,315	8	8	5,120	2	1,810
1000-2500	33	31	56,835	31	30	51,615	13	13,910
2500-5000	24	23	85,350	24	23	75,305	6	24,875
5000-10000	21	20	142,670	8	7	53,420	4	26,610
10000-25000	13	13	194,105	12	8	187,065	0	0
25000-50000	2	2	101,000	5	3	129,100	0	0
50000-100000	3	3	225,200	4	4	305,700	0	0
100000-250000	1	1	210,000	2	2	331,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	1	3,667,000	0	0	0	0	0
TOTALS	112	107	4,923,100	99	90	1,180,255	25	67,205

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

M I C H I G A N

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	58	3,841,985	8	456,754	3	90,387	7	576,596
UNDER 500................	14	853,923	0	0	2	161,950	0	0
500-1,000................	34	3,772,133	4	407,611	9	598,993	1	94,700
1,000-2,500..............	119	18,627,073	10	2,134,867	21	2,410,137	8	1,087,442
2,500-5,000..............	78	11,911,797	4	868,488	3	377,397	5	1,164,088
5,000-10,000.............	150	28,868,874	9	4,853,517	1	37,876	4	1,545,982
10,000-25,000............	221	32,652,022	3	1,610,187	1	106,000	5	1,133,095
25,000-50,000............	187	39,284,106	2	5,757,980	1	22,470	8	10,726,894
50,000-100,000...........	122	30,493,987	1	429,300	0	0	13	8,189,544
100,000-250,000..........	206	24,733,383	1	69,848	0	0	8	8,355,111
250,000 AND OVER.........	75	45,151,499	4	2,043,649	0	0	17	4,532,718
TOTAL....................	1,264	240,190,782	46	18,632,201	41	3,805,210	76	37,406,170

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	47,500	1	90,000	0	0	38	2,580,748
UNDER 500................	0	0	0	0	2	82,102	10	609,871
500-1,000................	1	16,610	1	11,900	5	316,355	13	2,325,964
1,000-2,500..............	11	996,633	0	0	10	871,934	59	11,126,060
2,500-5,000..............	2	615,340	1	52,004	6	1,264,622	57	7,569,858
5,000-10,000.............	15	4,855,192	0	0	5	1,137,787	116	16,438,520
10,000-25,000............	7	1,082,285	0	0	14	1,066,216	191	27,654,239
25,000-50,000............	3	682,818	0	0	3	3,090,324	170	19,003,620
50,000-100,000...........	4	1,399,875	0	0	2	173,811	102	20,301,457
100,000-250,000..........	10	2,142,198	0	0	8	2,859,992	179	11,306,234
250,000 AND OVER.........	17	29,850,469	1	495,000	1	115,001	35	8,114,662
TOTAL....................	71	41,688,920	4	648,904	56	10,978,144	970	127,031,233

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MICHIGAN

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	2	1	326,530	1	1	15,000	0	0
<=500	5	5	1,350	3	3	1,150	7	2,975
500-1000	11	11	9,000	12	12	8,960	20	15,340
1000-2500	35	32	58,240	52	51	80,555	16	21,535
2500-5000	24	23	85,460	28	27	96,950	8	34,105
5000-10000	19	19	121,800	14	14	95,970	4	30,175
10000-25000	16	15	233,115	11	9	224,935	3	25,270
25000-50000	2	2	101,000	10	5	266,990	0	0
50000-100000	2	2	160,600	5	5	455,850	0	0
100000-250000	1	1	220,000	2	2	376,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	1	3,667,000	0	0	0	0	0
TOTALS	119	112	4,983,095	138	129	1,612,360	58	129,400

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MICHIGAN

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	9	9	0	0	0	2	1	2	1	1	0	0	0	2
500-1000	27	28	1	4	8	1	1	2	2	3	1	1	3	1
1000-2500	66	66	0	12	5	11	10	5	7	4	2	5	1	4
2500-5000	48	48	3	4	7	7	6	2	4	5	7	2	0	1
5000-10000	28	28	0	2	1	1	4	6	3	4	1	1	3	2
10000-25000	22	22	0	3	2	2	2	2	2	3	2	2	0	2
25000-50000	4	4	0	1	1	0	0	0	1	1	0	0	0	0
50000-100000	7	7	0	0	1	0	1	0	0	1	1	0	2	1
100000-250000	4	4	0	0	0	0	0	1	1	0	1	0	1	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	215	216	4	26	25	24	25	20	21	22	15	11	10	13

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MICHIGAN

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	10	10	4	0	3	0	0	1	0	0	0	0	0	2
500-1000	33	35	7	8	8	0	3	0	3	3	0	1	0	2
1000-2500	78	78	9	25	15	3	9	7	0	6	1	1	0	2
2500-5000	53	53	8	20	7	3	4	2	4	2	1	1	1	0
5000-10000	31	32	1	11	3	3	4	4	3	1	0	1	0	1
10000-25000	26	26	2	6	3	6	2	4	1	1	0	0	0	1
25000-50000	6	6	0	2	0	1	1	2	0	0	0	0	0	0
50000-100000	8	8	0	2	0	0	0	2	0	2	1	1	0	0
100000-250000	6	6	0	0	1	2	0	1	1	1	0	0	0	0
250000-500000	0	1	0	0	0	1	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
TOTALS	252	256	31	74	40	19	23	23	13	16	3	5	1	8

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

M I C H I G A N

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	1	0	3	1	1	4	0	0	10	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	2	1	1	3	0	0	7	4277870
SECONDARY		0	0	1	0	1	0	0	1	0	0	3	245630
POPULATION SERVED		0	0	1130	0	77370	46000	107000	4292000	0	0	0	4523500
SERVED COMM./FAC.		0	0	1	0	4	1	1	60	0	0	67	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	1	0	0	1	0	8	0	0	10	26170
5000 - 9999	4*	0	0	0	0	2	0	0	9	0	0	11	74500
10000 - 24999	5*	0	0	0	0	2	0	1	17	0	0	20	282555
25000 - 49999	6*	0	0	0	0	0	0	0	17	0	0	17	526200
50000 - 99999	7*	0	0	0	0	0	0	0	8	0	0	8	449935
100000 - 249999	8*	0	0	0	0	0	0	0	1	0	0	1	112005
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	1130	0	39870	2570	9000	1418795	0	0	0	1471365

TABLE A-8A

MICHIGAN

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		1	3				2						5
< 500													
500–1000		1	1				1						2
1000–2500		2	1		1	1	2						6
2500–5000							1						1
5000–10000			1										1
10000–25000			1	1	1								3
25000–50000						1							1
50000–100000													
100000–250000													
250000–500000													
> 500000			1										1
Total		4	8	1	2	2	6						20
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969			2				5						7
1970			6	1									7
1971													
1972					1								1
1973 or later													
Date not given		4			1	2	1						7
Total Projects		4	8	1	2	2	6						23

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MINNESOTA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	3	825	0	0	0	0	0
<=500	28	27	1,048,840	40	40	10,955	20	6,040
500-1000	18	18	11,740	62	62	41,450	25	16,390
1000-2500	21	21	27,930	88	87	127,525	9	13,920
2500-5000	5	5	14,280	32	32	93,550	3	9,010
5000-10000	4	4	28,340	20	20	125,980	3	19,520
10000-25000	2	2	43,830	14	14	190,710	0	0
25000-50000	0	0	0	3	3	92,160	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	4	1	139,600	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	85	81	1,315,385	259	258	682,330	60	64,880

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

MINNESOTA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	9	188,284	1	28,800	0	0	1	36,650
UNDER 500................	71	3,946,397	7	445,960	18	765,776	5	283,417
500-1,000................	91	8,657,637	18	2,727,864	16	958,892	7	673,080
1,000-2,500..............	112	10,283,793	11	2,333,477	16	1,249,978	8	847,801
2,500-5,000..............	77	12,601,240	11	2,626,917	1	59,271	6	1,112,975
5,000-10,000.............	114	26,499,827	3	1,220,041	5	875,988	8	2,851,523
10,000-25,000............	131	20,078,784	1	53,927	1	129,510	4	1,813,042
25,000-50,000............	24	4,459,319	0	0	0	0	1	2,234,189
50,000-100,000...........	5	894,744	0	0	0	0	0	0
100,000-250,000..........	19	1,413,734	0	0	0	0	1	5,478
250,000 AND OVER.........	38	23,857,485	0	0	0	0	9	20,241,191
TOTAL....................	691	112,881,244	52	9,436,986	57	4,039,415	50	30,099,346

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	7	122,834
UNDER 500................	4	31,595	1	4,984	12	794,383	24	1,620,282
500-1,000................	10	596,424	2	75,650	11	749,418	27	2,876,309
1,000-2,500..............	13	1,118,847	2	83,607	16	1,087,420	46	3,562,663
2,500-5,000..............	3	1,293,862	2	53,693	3	491,426	51	6,963,096
5,000-10,000.............	11	4,943,583	2	272,455	5	1,149,233	80	15,187,004
10,000-25,000............	9	3,386,916	0	0	8	853,401	108	13,841,988
25,000-50,000............	0	0	0	0	2	61,056	21	2,164,074
50,000-100,000...........	0	0	0	0	0	0	5	894,744
100,000-250,000..........	2	244,319	0	0	0	0	16	1,163,937
250,000 AND OVER.........	1	9,500	0	0	0	0	28	3,606,794
TOTAL....................	53	11,625,046	9	490,389	57	5,186,337	413	52,003,725

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MINNESOTA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	25	25	6,470	72	71	1,122,960	15	4,800
500-1000	15	15	9,960	90	90	60,460	13	8,530
1000-2500	14	14	19,980	103	103	152,620	3	3,960
2500-5000	6	6	18,770	37	37	104,650	0	0
5000-10000	5	5	34,880	23	23	145,785	0	0
10000-25000	2	2	49,170	13	13	178,310	0	0
25000-50000	0	0	0	3	3	96,130	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	4	1	132,600	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	71	68	279,530	341	340	1,860,985	31	17,290

TABLE A-5A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MINNESOTA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	93	94	2	11	9	18	9	4	7	15	7	2	3	7
500-1000	108	108	1	16	8	12	15	12	11	12	6	3	6	6
1000-2500	115	115	4	19	12	11	11	12	11	18	9	8	0	0
2500-5000	30	31	2	3	5	4	1	3	4	6	0	0	1	2
5000-10000	26	27	0	7	4	1	4	1	1	3	3	2	0	1
10000-25000	13	13	1	0	2	2	2	2	1	1	1	0	0	1
25000-50000	4	4	0	0	1	0	0	0	1	2	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	1	0	0	0	0	0	0	0	0
TOTALS	391	394	10	56	41	49	43	34	36	57	26	15	10	17

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MINNESOTA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	93	94	2	12	9	17	9	4	7	15	7	2	3	7
500-1000	108	108	4	17	7	11	14	12	12	12	6	3	4	6
1000-2500	115	115	4	22	12	10	10	12	11	17	9	8	0	0
2500-5000	30	31	3	5	4	3	1	3	3	6	0	0	1	2
5000-10000	26	27	0	7	5	2	3	1	1	3	3	1	0	1
10000-25000	13	13	2	1	3	0	1	2	1	1	1	0	0	1
25000-50000	4	4	0	0	1	0	0	0	1	2	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	1	0	0	0	0	0	0	0	0
TOTALS	391	394	15	64	41	44	39	34	36	56	26	14	8	17

RUN DATE 68/12/17 PRELIMINARY

TABLE A-7A

M I N N E S O T A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		0	1	2	1	1	2	0	2	0	0	9	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	2	0	0	2	1166700
SECONDARY		0	1	2	1	1	2	0	0	0	0	7	84280
POPULATION SERVED		0	750	2180	5150	20640	55560	0	1166700	0	0	0	1250980
SERVED COMM./FAC.		0	1	2	1	1	2	0	28	0	0	35	0
BELOW 500	1*	0	0	0	0	0	1	0	0	0	0	1	340
500 - 999	2*	0	1	1	0	0	0	0	1	0	0	3	1770
1000 - 4999	3*	0	0	1	1	1	1	0	6	0	0	10	21580
5000 - 9999	4*	0	0	0	0	0	0	0	5	0	0	5	25940
10000 - 24999	5*	0	0	0	0	0	0	0	10	0	0	10	161360
25000 - 49999	6*	0	0	0	0	0	0	0	3	0	0	3	102900
50000 - 99999	7*	0	0	0	0	0	0	0	1	0	0	1	45450
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	2	0	0	2	716650
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	700	1730	300	1890	3970	0	1067400	0	0	0	1075990

TABLE A-8A

MINNESOTA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		1					3						4
< 500		3		1	3		5						12
500-1000		3			1		14						18
1000-2500		2		1	4		19						26
2500-5000				2	3		12						17
5000-10000					1		5						6
10000-25000					2		1						3
25000-50000							3						3
50000-100000													
100000-250000							2						1
250000-500000													
> 500000					1		2						1
Total		9		4	15		66						91
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969													
1970													
1971		1											1
1972		6		4	11		1						22
1973 or later													
Date not given		2			4		65						71
Total Projects		9		4	15		66						94

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MISSISSIPPI

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	2	2	500	2	2	550	3	700
500-1000	7	6	2,600	5	4	2,801	9	3,670
1000-2500	20	19	20,350	37	24	37,200	9	9,700
2500-5000	3	3	5,900	15	11	29,915	10	25,810
5000-10000	3	3	11,100	14	10	63,660	7	41,100
10000-25000	0	0	0	8	6	71,400	4	81,500
25000-50000	0	0	0	3	3	108,000	4	123,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	1	140,000
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	35	33	40,450	84	60	313,526	47	425,480

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

M I S S I S S I P P I

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	20	2,604,055	3	587,628	2	59,592	2	67,833
UNDER 500................	7	383,879	0	0	1	16,124	0	0
500-1,000................	33	2,137,161	0	0	13	537,943	1	71,641
1,000-2,500..............	44	3,675,720	0	0	16	1,515,582	0	0
2,500-5,000..............	23	3,776,855	2	544,200	6	234,737	0	0
5,000-10,000.............	48	6,883,733	1	581,200	10	1,820,953	0	0
10,000-25,000............	33	5,843,129	1	735,136	4	1,580,734	2	595,127
25,000-50,000............	18	3,499,678	0	0	3	181,722	0	0
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	22	5,281,232	2	1,014,064	1	543,739	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	248	34,085,442	9	3,462,228	56	6,491,126	5	734,601

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	17,940	1	9,280	2	137,610	9	1,724,172
UNDER 500................	2	70,946	0	0	2	140,316	2	156,493
500-1,000................	2	33,881	1	93,973	6	345,475	10	1,054,248
1,000-2,500..............	2	160,588	1	32,457	10	1,233,187	15	733,906
2,500-5,000..............	4	2,150,748	0	0	4	341,285	7	505,885
5,000-10,000.............	8	1,341,302	1	49,878	10	1,944,579	18	1,145,821
10,000-25,000............	3	746,981	1	97,769	5	683,774	17	1,403,608
25,000-50,000............	1	191,053	0	0	7	2,852,196	7	274,707
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	2	484,315	1	153,187	1	237,769	15	2,848,158
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	25	5,197,754	6	436,544	47	7,916,191	100	9,846,998

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MISSISSIPPI

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	2	2	300	9	8	2,740	5	1,150
500-1000	5	5	2,500	31	26	13,796	7	3,500
1000-2500	9	8	9,000	72	45	75,635	7	9,500
2500-5000	2	2	5,000	26	17	60,365	7	20,170
5000-10000	2	2	8,500	28	17	128,984	1	6,000
10000-25000	0	0	0	20	7	144,557	3	49,000
25000-50000	0	0	0	7	5	207,900	2	75,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	2	1	30,000	0	130,000
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	20	19	25,300	195	126	669,377	32	294,320

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MISSISSIPPI

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	3	0	0	0	0	0	0	0	1	0	0	0	2
500-1000	7	9	0	0	1	0	0	3	0	2	0	0	1	2
1000-2500	10	10	0	3	2	0	0	0	2	1	1	0	0	1
2500-5000	6	7	0	2	2	3	0	0	0	0	0	0	0	0
5000-10000	8	9	0	2	0	2	1	1	1	2	0	0	0	0
10000-25000	2	3	0	0	0	1	0	0	1	0	0	0	0	1
25000-50000	3	3	0	0	1	1	0	0	1	0	0	0	0	0
50000-100000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	38	45	0	8	6	7	1	4	5	6	1	0	1	6

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MISSISSIPPI

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	20	39	39	0	0	0	0	0	0	0	0	0	0	0
500-1000	39	57	56	1	0	0	0	0	0	0	0	0	0	0
1000-2500	47	59	57	1	0	1	0	0	0	0	0	0	0	0
2500-5000	17	19	18	0	0	0	0	0	0	0	1	0	0	0
5000-10000	18	19	17	1	1	0	0	0	0	0	0	0	0	0
10000-25000	5	8	6	2	0	0	0	0	0	0	0	0	0	0
25000-50000	4	4	2	1	1	0	0	0	0	0	0	0	0	0
50000-100000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	151	206	195	7	2	1	0	0	0	0	1	0	0	0

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RUN DATE 68/12/17

                                             TABLE A-7A                                          PRELIMINARY

                                           M I S S I S S I P P I
                                         JOINT TREATMENT FACILITIES
                                       1962 MUNICIPAL WASTE INVENTORY
                                                                                              TOTALS
                                                                                        COM./FAC. POPULATION
                        1      2      3      4      5      6      7      8      9      0            SERVED
                        *      *      *      *      *      *      *      *      *      *
SERVING COMM./FAC.
 NO TREATMENT           0      0      0      0      0      0      0      0      0      0      0      0
 PRIMARY                0      0      0      0      0      0      0      0      0      0      0      0
 SECONDARY              0      0      0      0      0      0      0      0      0      0      0      0
 POPULATION SERVED      0      0      0      0      0      0      0      0      0      0      0      0
                        0      0      0      0      0      0      0      0      0      0      0      0
------------------------------------------------------------------------------------------------------------
SERVED COMM./FAC.       0      0      0      0      0      0      0      0      0      0      0      0
   BELOW 500       1*   0      0      0      0      0      0      0      0      0      0      0      0
  500 -   999      2*   0      0      0      0      0      0      0      0      0      0      0      0
 1000 -  4999      3*   0      0      0      0      0      0      0      0      0      0      0      0
 5000 -  9999      4*   0      0      0      0      0      0      0      0      0      0      0      0
10000 -  24999     5*   0      0      0      0      0      0      0      0      0      0      0      0
25000 -  49999     6*   0      0      0      0      0      0      0      0      0      0      0      0
50000 -  99999     7*   0      0      0      0      0      0      0      0      0      0      0      0
100000 - 249999    8*   0      0      0      0      0      0      0      0      0      0      0      0
250000 - 499999    9*   0      0      0      0      0      0      0      0      0      0      0      0
500000 AND ABOVE   0*   0      0      0      0      0      0      0      0      0      0      0      0
POPULATION SERVED       0      0      0      0      0      0      0      0      0      0      0      0
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TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MISSOURI

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	3	3	27,875	1	13,000
<=500	7	1	1,535	65	22	11,585	1	5,485
500-1000	5	3	4,315	55	40	29,155	2	6,620
1000-2500	4	2	3,650	112	81	123,520	10	29,935
2500-5000	5	4	14,700	63	42	138,300	3	30,185
5000-10000	0	0	0	38	23	149,885	6	90,300
10000-25000	2	1	31,200	36	12	158,170	2	142,845
25000-50000	0	0	0	7	2	70,800	1	91,965
50000-100000	1	0	46,000	4	2	111,500	1	110,150
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	2	0	9,500	1	449,000
>500000	0	0	0	0	0	0	1	750,000
TOTALS	24	11	101,400	385	227	830,290	29	1,719,485

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

M I S S O U R I

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	19	461,229	1	11,690	4	49,845	0	0
UNDER 500................	41	1,533,967	0	0	15	278,908	1	8,300
500-1,000................	72	3,900,099	2	116,896	26	997,775	0	0
1,000-2,500..............	96	6,609,004	1	140,000	21	978,423	3	99,215
2,500-5,000..............	68	3,272,090	1	69,009	8	633,845	0	0
5,000-10,000.............	74	8,802,806	5	2,542,058	5	445,725	0	0
10,000-25,000............	91	11,848,172	4	2,853,405	0	0	8	2,187,053
25,000-50,000............	51	5,513,488	0	0	1	90,373	2	115,100
50,000-100,000...........	91	9,268,469	1	135,502	2	90,277	2	257,912
100,000-250,000..........	1	7,900	0	0	0	0	0	0
250,000 AND OVER.........	241	107,077,425	9	34,102,980	4	711,197	8	9,480,960
TOTAL....................	845	158,294,649	24	39,971,540	86	4,276,368	24	12,148,540

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	1	6,025	13	393,669
UNDER 500................	1	5,095	2	21,650	4	78,009	18	1,142,005
500-1,000................	6	124,745	0	0	11	276,630	27	2,384,053
1,000-2,500..............	9	1,435,914	1	74,706	14	886,874	47	2,993,872
2,500-5,000..............	5	326,651	2	154,602	5	450,900	47	1,637,083
5,000-10,000.............	3	788,623	0	0	11	1,229,639	50	3,796,761
10,000-25,000............	7	2,255,466	1	32,790	3	416,955	68	4,102,503
25,000-50,000............	3	2,040,548	0	0	3	385,770	42	2,881,697
50,000-100,000...........	1	310,763	0	0	4	3,533,173	81	4,940,842
100,000-250,000..........	0	0	0	0	0	0	1	7,900
250,000 AND OVER.........	37	30,967,172	3	2,217,730	15	16,460,326	165	13,137,060
TOTAL....................	72	38,254,977	9	2,501,478	71	23,724,301	559	37,417,445

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MISSOURI

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	27,200	0	0
<=500	7	1	1,535	83	38	22,720	0	4,850
500-1000	4	2	3,675	77	59	41,350	1	6,025
1000-2500	4	2	3,650	133	94	148,440	8	27,675
2500-5000	4	3	12,200	69	45	157,760	2	23,985
5000-10000	3	3	23,500	41	25	176,385	1	58,100
10000-25000	4	3	80,200	35	12	166,285	0	106,845
25000-50000	0	0	0	9	2	122,000	1	91,965
50000-100000	2	1	128,900	9	2	134,600	0	51,250
100000-250000	0	0	0	0	0	0	0	0
250000-500000	3	1	569,000	0	0	0	0	0
>500000	0	0	0	2	1	110,000	0	0
TOTALS	31	16	822,660	459	279	1,107,440	13	370,695

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MISSOURI

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	51	92	1	11	7	8	8	6	16	8	5	3	6	13
500-1000	52	73	2	4	8	9	15	11	2	10	5	0	2	5
1000-2500	85	105	1	8	3	15	16	8	15	20	8	2	3	6
2500-5000	37	56	3	6	9	10	9	8	5	3	3	0	0	0
5000-10000	17	21	0	1	1	6	4	1	2	2	2	0	0	2
10000-25000	12	13	1	4	2	3	1	0	0	2	0	0	0	0
25000-50000	3	4	0	1	1	0	1	0	0	0	0	0	0	1
50000-100000	3	4	1	1	0	0	0	1	0	1	0	0	0	0
100000-250000	2	2	0	0	0	0	0	0	0	1	1	0	0	0
250000-500000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	263	371	9	36	31	51	54	35	41	47	24	5	11	27

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MISSOURI

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	56	103	19	33	8	6	6	5	11	2	1	1	2	9
500-1000	55	77	15	24	5	4	9	3	1	7	2	1	0	6
1000-2500	85	105	13	39	3	8	7	5	6	10	5	2	2	5
2500-5000	39	58	13	22	4	8	2	3	1	1	3	0	0	1
5000-10000	20	25	3	9	2	3	1	2	2	0	2	0	0	1
10000-25000	13	14	3	8	1	1	0	0	0	0	0	0	0	1
25000-50000	3	4	1	2	0	0	0	0	0	0	0	1	0	0
50000-100000	3	4	1	2	0	0	0	1	0	0	0	0	0	0
100000-250000	2	2	0	0	1	0	0	0	1	0	0	0	0	0
250000-500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	277	393	68	139	24	30	26	19	22	20	13	5	4	23

TABLE A-7A

MISSOURI

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	2	2	2	0	3	0	0	9	0
NO TREATMENT		0	0	0	0	0	0	0	3	0	0	3	1100000
PRIMARY		0	0	0	0	0	1	0	0	0	0	1	46000
SECONDARY		0	0	0	2	2	1	0	0	0	0	5	49205
POPULATION SERVED		0	0	0	6765	15240	73200	0	1100000	0	0	0	1195205
SERVED COMM./FAC.		0	0	0	2	2	3	1	3	0	0	11	0
BELOW 500	1*	0	0	0	1	0	0	0	0	0	0	1	85
500 - 999	2*	0	0	0	1	0	0	0	0	0	0	1	500
1000 - 4999	3*	0	0	0	0	2	1	1	2	0	0	6	12585
5000 - 9999	4*	0	0	0	0	0	1	0	1	0	0	2	11140
10000 - 24999	5*	0	0	0	0	0	1	0	0	0	0	1	22765
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	585	3115	32605	2600	8170	0	0	0	47075

TABLE A-8A

MISSOURI

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	1												1
< 500													
500–1000		1											1
1000–2500		4			1								5
2500–5000		1				4							3
5000–10000	1												1
10000–25000		1	1										2
25000–50000													
50000–100000						1							1
100000–250000													
250000–500000	1												1
> 500000		2											1
Total	3	9	1		1	5							16
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968	1	5	1		1								8
1969	1	1				1							3
1970													
1971													
1972													
1973 or later													
Date not given	1	3				4							8
Total Projects	3	9	1		1	5							19

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MONTANA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	350	1	1	1,000	0	0
<=500	10	10	2,590	18	18	4,860	1	450
500-1000	3	3	1,990	21	20	15,770	2	850
1000-2500	8	8	9,070	19	19	31,280	3	4,700
2500-5000	2	2	8,300	10	10	35,000	1	2,300
5000-10000	2	2	13,900	3	3	20,810	0	0
10000-25000	5	5	71,000	0	0	0	0	0
25000-50000	2	2	50,000	0	0	0	0	0
50000-100000	2	2	111,000	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	35	35	268,200	72	71	108,720	7	8,300

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

MONTANA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	5	205,051	0	0	0	0	1	9,282
UNDER 500................	15	723,627	1	105,212	4	73,829	0	0
500-1,000................	10	665,519	0	0	3	62,535	1	40,325
1,000-2,500..............	18	1,089,637	0	0	7	309,419	0	0
2,500-5,000..............	6	308,680	0	0	0	0	0	0
5,000-10,000.............	5	362,107	1	219,010	1	52,074	0	0
10,000-25,000............	11	811,257	0	0	0	0	1	3,960
25,000-50,000............	6	4,557,307	1	954,328	0	0	0	0
50,000-100,000...........	34	2,513,236	1	6,237	0	0	2	338,551
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	110	11,236,421	4	1,284,787	15	497,857	5	392,118

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	20,986	0	0	3	174,783
UNDER 500................	0	0	1	49,532	5	159,893	4	335,161
500-1,000................	0	0	0	0	4	501,787	2	60,872
1,000-2,500..............	3	238,055	1	31,516	4	328,917	3	181,730
2,500-5,000..............	2	45,869	0	0	2	214,082	2	48,729
5,000-10,000.............	0	0	2	76,130	1	14,893	0	0
10,000-25,000............	0	0	1	159,715	0	0	9	647,582
25,000-50,000............	3	2,353,113	0	0	0	0	2	1,249,866
50,000-100,000...........	2	598,120	0	0	1	8,336	28	1,561,992
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	10	3,235,157	6	337,879	17	1,227,908	53	4,260,715

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MONTANA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	1,500	0	0
<=500	9	9	2,500	30	30	8,270	0	0
500-1000	1	1	700	28	27	18,160	0	0
1000-2500	1	1	1,200	29	28	45,250	1	600
2500-5000	2	2	7,600	11	11	40,200	0	0
5000-10000	2	2	15,800	4	3	25,100	0	0
10000-25000	4	4	58,200	1	1	12,000	0	0
25000-50000	1	1	22,000	0	0	0	1	4,600
50000-100000	2	2	132,000	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	22	22	240,000	103	101	150,480	2	5,200

TABLE A-5A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MONTANA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	39	40	0	6	0	5	4	2	4	4	6	6	1	2
500-1000	24	24	1	2	1	2	4	3	5	0	3	0	0	3
1000-2500	27	27	1	2	3	3	3	6	0	4	1	0	1	3
2500-5000	9	9	0	2	1	5	0	0	0	1	0	0	0	0
5000-10000	8	8	0	1	0	0	1	1	0	1	2	1	0	1
10000-25000	5	5	0	0	0	0	0	0	1	3	0	1	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	2	2	0	0	0	0	0	0	1	0	0	1	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	114	115	2	13	5	15	12	12	11	13	12	9	2	9

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MONTANA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	43	44	9	31	0	0	1	0	1	0	0	0	0	2
500-1000	26	26	3	14	0	0	1	1	2	3	1	0	0	1
1000-2500	27	27	4	12	3	0	2	0	1	1	0	0	2	2
2500-5000	11	11	0	7	2	0	0	0	0	1	0	0	0	1
5000-10000	8	8	0	3	0	1	0	1	0	0	1	0	1	1
10000-25000	5	5	0	2	0	0	0	1	2	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	2	2	0	0	0	0	1	1	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	122	123	16	69	5	1	5	4	6	5	2	0	3	7

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

MONTANA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	1	0	0	1	1	0	0	0	3	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	1	0	0	1	1	0	0	0	3	92000
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	1000	0	0	35000	56000	0	0	0	0	92000
SERVED COMM./FAC.		0	0	0	0	0	3	1	0	0	0	4	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	3	1	0	0	0	4	8400
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	6400	2000	0	0	0	0	8400

TABLE A-8A

MONTANA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		1											1
< 500			6		2								8
500–1000			1		1								2
1000–2500					4		1		1				6
2500–5000													
5000–10000													
10000–25000			1										1
25000–50000													
50000–100000			1										1
100000–250000													
250000–500000													
> 500000													
Total		1	9		7		1		1				19
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969			1		2								3
1970		1	4				1		1				7
1971			3		3								6
1972													
1973 or later													
Date not given			1		2								3
Total Projects		1	9		7		1		1				19

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NEBRASKA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	10,000	0	0
<=500	13	13	3,535	76	76	23,540	9	2,470
500-1000	16	16	10,330	47	47	30,225	20	13,465
1000-2500	6	6	8,050	34	34	44,310	29	37,120
2500-5000	1	1	4,500	10	9	31,600	8	24,900
5000-10000	5	5	31,950	6	6	38,100	3	17,500
10000-25000	3	3	37,800	3	2	39,000	3	43,100
25000-50000	0	0	0	1	1	24,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	1	1	85,000	0	0
250000-500000	0	0	0	2	0	61,655	1	180,000
>500000	0	0	0	0	0	0	0	0
TOTALS	44	44	96,165	181	177	387,430	73	318,555

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

NEBRASKA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	8	407,173	2	257,850	1	15,331	1	29,847
UNDER 500................	130	3,606,119	10	335,625	43	825,689	0	0
500-1,000................	47	1,649,784	3	145,523	13	320,327	3	127,587
1,000-2,500..............	72	3,620,048	9	1,068,510	6	356,032	2	90,558
2,500-5,000..............	71	2,687,535	5	938,783	2	152,533	1	20,350
5,000-10,000.............	66	2,432,369	1	377,992	0	0	5	804,030
10,000-25,000............	86	5,122,003	2	1,823,285	1	432,300	0	0
25,000-50,000............	57	4,336,415	3	1,574,527	0	0	1	6,603
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	70	3,583,084	0	0	1	99,610	2	122,327
250,000 AND OVER.........	209	18,053,129	3	336,452	1	12,397	3	442,991
TOTAL....................	816	45,497,659	38	6,858,547	68	2,214,219	18	1,644,293

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	1	63,533	3	40,612
UNDER 500................	6	134,115	4	10,296	18	537,728	49	1,762,666
500-1,000................	2	12,724	5	104,652	14	805,024	7	133,947
1,000-2,500..............	2	350,667	2	83,250	13	1,056,380	38	614,651
2,500-5,000..............	2	55,602	3	248,414	4	534,404	54	737,449
5,000-10,000.............	1	126,140	1	47,713	2	185,371	56	891,123
10,000-25,000............	2	204,473	3	680,921	1	316,360	77	1,664,664
25,000-50,000............	1	475,508	7	709,547	3	115,977	42	1,454,253
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	2	1,649,821	0	0	1	127,873	64	1,583,453
250,000 AND OVER.........	2	6,634,404	24	1,861,177	1	926,000	175	7,839,708
TOTAL....................	20	9,643,454	49	3,745,970	58	4,668,650	565	16,722,526

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NEBRASKA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	5	4	14,345	0	0
<=500	9	9	2,825	155	155	44,160	60	12,925
500-1000	16	16	11,050	63	63	42,125	5	3,045
1000-2500	14	14	18,145	51	51	73,570	4	4,250
2500-5000	4	4	13,745	14	13	49,800	1	5,000
5000-10000	4	4	26,900	8	8	52,700	1	5,900
10000-25000	4	4	52,400	4	3	51,500	1	17,000
25000-50000	0	0	0	1	1	24,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	2	1	86,000	0	0
250000-500000	1	1	180,000	1	0	60,000	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	52	52	304,965	304	299	498,200	72	48,120

TABLE A-5A

RUN DATE 69/02/11 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEBRASKA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	125	126	1	55	23	7	12	3	6	6	1	0	0	12
500-1000	53	53	1	23	11	8	1	1	3	3	0	0	0	2
1000-2500	56	57	2	14	10	6	0	8	7	3	2	0	1	4
2500-5000	13	13	1	1	2	4	1	1	2	0	0	0	0	1
5000-10000	8	9	0	3	2	1	0	0	1	1	1	0	0	0
10000-25000	6	6	0	0	1	0	1	0	0	0	0	0	0	4
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	1	2	0	0	0	0	0	1	1	0	0	0	0	0
100000-250000	1	1	0	0	0	0	0	0	0	0	0	0	0	1
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	263	267	5	96	49	26	15	14	20	13	4	0	1	24

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEBRASKA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	139	140	24	58	23	6	11	2	3	4	1	0	0	8
500-1000	61	61	23	21	6	3	1	2	1	2	0	0	0	2
1000-2500	58	59	20	16	8	4	1	3	4	0	2	0	0	1
2500-5000	15	15	4	6	0	1	2	2	0	0	0	0	0	0
5000-10000	14	15	2	6	1	1	2	1	1	1	0	0	0	0
10000-25000	9	9	1	3	1	1	1	0	0	1	0	0	0	1
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	1	2	1	0	0	0	0	0	0	0	1	0	0	0
100000-250000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	298	302	75	110	39	16	18	10	9	9	4	0	0	12

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

N E B R A S K A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	1	2	0	0	3	0
NO TREATMENT	0	0	0	0	0	0	0	1	0	0	1	180000
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	1	1	0	0	2	145000
POPULATION SERVED	0	0	0	0	0	0	60000	265000	0	0	0	325000
SERVED COMM./FAC.	0	0	0	0	0	0	0	2	0	0	2	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	1	0	0	1	400
1000 - 4999 3*	0	0	0	0	0	0	0	1	0	0	1	2500
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	2900	0	0	0	2900

TABLE A-8A

NEBRASKA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		36											36
< 500		55	2										57
500–1000			3										3
1000–2500		2	2										4
2500–5000													
5000–10000		1			1								2
10000–25000			2										2
25000–50000													
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total		94	9		1								104
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		2											2
1969													
1970		1											1
1971													
1972													
1973 or later													
Date not given		91	9		1								101
Total Projects		94	9		1								104

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NEVADA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	8,000	0	0
<=500	2	2	1,200	2	2	750	1	390
500-1000	2	2	1,290	7	6	4,050	1	550
1000-2500	2	2	3,000	6	5	8,500	1	1,200
2500-5000	1	1	3,500	3	3	10,500	1	4,500
5000-10000	0	0	0	2	2	12,100	0	0
10000-25000	0	0	0	2	2	29,500	0	0
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	3	2	225,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	7	7	8,990	26	23	298,400	4	6,640

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS N E V A D A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	3	89,795	0	0	0	0	1	8,888
UNDER 500................	2	391,644	1	331,717	0	0	0	0
500-1,000................	3	139,035	1	61,060	2	77,975	0	0
1,000-2,500..............	4	1,088,446	0	0	0	0	1	452,385
2,500-5,000..............	9	3,247,303	2	2,277,090	1	107,000	0	0
5,000-10,000.............	4	449,984	0	0	0	0	1	91,753
10,000-25,000............	5	311,855	0	0	0	0	0	0
25,000-50,000............	0	0	0	0	0	0	0	0
50,000-100,000...........	34	14,836,284	3	7,485,066	0	0	1	8,000
100,000-250,000..........	17	1,519,469	0	0	1	51,822	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	81	22,073,815	7	10,154,933	4	236,797	4	561,026

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	1	61,169	1	19,738
UNDER 500................	0	0	0	0	0	0	1	59,927
500-1,000................	0	0	0	0	0	0	0	0
1,000-2,500..............	2	318,666	0	0	1	317,395	0	0
2,500-5,000..............	2	204,749	1	128,900	1	498,641	2	30,924
5,000-10,000.............	1	254,590	0	0	1	79,000	1	24,641
10,000-25,000............	0	0	0	0	0	0	5	311,855
25,000-50,000............	0	0	0	0	0	0	0	0
50,000-100,000...........	17	7,114,889	0	0	0	0	13	228,329
100,000-250,000..........	8	1,160,228	0	0	0	0	8	307,419
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	30	9,053,121	1	128,900	4	956,205	31	982,833

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NEVADA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	120,000	0	0
<=500	1	1	300	4	4	2,000	1	390
500-1000	1	1	1,400	9	8	7,370	0	0
1000-2500	1	1	1,500	6	4	9,500	1	1,125
2500-5000	0	0	0	5	5	23,455	0	0
5000-10000	0	0	0	2	2	23,100	0	0
10000-25000	0	0	0	1	1	16,655	0	0
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	5	2	510,900	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	3	3	3,200	33	27	712,980	2	1,515

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEVADA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	2	2	1	1	0	0	0	0	0	0	0	0	0	0
500-1000	4	4	2	2	0	0	0	0	0	0	0	0	0	0
1000-2500	5	5	1	2	0	0	0	0	0	1	0	0	0	1
2500-5000	4	4	0	2	0	0	1	0	0	0	1	0	0	0
5000-10000	2	2	0	0	2	0	0	0	0	0	0	0	0	0
10000-25000	2	2	0	0	1	0	1	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	2	4	0	0	1	1	0	0	0	1	1	0	0	0
100000-250000	2	2	0	1	0	0	0	1	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	23	25	4	8	4	1	2	1	0	2	2	0	0	1

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
N E V A D A

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	4	4	2	2	0	0	0	0	0	0	0	0	0	0
500-1000	6	7	1	6	0	0	0	0	0	0	0	0	0	0
1000-2500	7	7	1	2	0	0	1	0	0	1	0	0	0	2
2500-5000	4	4	1	2	1	0	0	0	0	0	0	0	0	0
5000-10000	2	2	0	1	1	0	0	0	0	0	0	0	0	0
10000-25000	3	3	0	0	3	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	2	4	0	0	1	1	0	1	0	0	1	0	0	0
100000-250000	2	2	0	2	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	30	33	5	15	6	1	1	1	0	1	1	0	0	2

TABLE A-7A

NEVADA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		1	0	0	0	0	0	2	0	0	0	3	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		1	0	0	0	0	0	0	0	0	0	1	900
SECONDARY		0	0	0	0	0	0	2	0	0	0	2	170000
POPULATION SERVED		900	0	0	0	0	0	170000	0	0	0	0	170900
SERVED COMM./FAC.		1	0	1	0	0	0	1	0	0	0	3	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	1	0	1	0	0	0	0	0	0	0	2	3750
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	1	0	0	0	1	19000
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		750	0	3000	0	0	0	19000	0	0	0	0	22750

TABLE A-8A

NEVADA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown						1			1				2
< 500													
500–1000													
1000–2500													
2500–5000													
5000–10000					1								1
10000–25000													
25000–50000													
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total					1	1			1				3
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968						1			1				2
1969					1								1
1970													
1971													
1972													
1973 or later													
Date not given													
Total Projects					1	1			1				3

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NEW HAMPSHIRE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	1	1	600	0	0
500-1000	1	1	150	0	0	0	5	4,200
1000-2500	0	0	0	3	3	1,800	24	20,850
2500-5000	1	1	2,000	2	2	3,000	11	16,400
5000-10000	1	1	5,000	2	2	5,360	10	33,400
10000-25000	5	4	38,200	1	0	400	2	23,000
25000-50000	1	0	2,700	1	0	400	3	64,000
50000-100000	0	0	0	0	0	0	1	62,000
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	9	7	48,050	10	8	11,560	56	223,850

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS NEW HAMPSHIRE

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	7	204,238	0	0	0	0	1	45,600
UNDER 500................	2	329,137	0	0	1	76,187	0	0
500-1,000................	14	2,845,353	3	1,977,981	0	0	0	0
1,000-2,500..............	3	346,971	0	0	2	107,084	0	0
2,500-5,000..............	16	4,791,345	2	850,451	0	0	2	1,151,626
5,000-10,000.............	7	2,076,734	2	446,693	1	449,000	1	204,775
10,000-25,000............	14	5,223,367	0	0	0	0	1	3,159,260
25,000-50,000............	23	4,125,888	1	1,151,666	1	102,090	1	65,700
50,000-100,000...........	4	417,153	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	90	20,360,186	8	4,426,791	5	734,361	6	4,626,961

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	16,182	2	70,461	3	71,995
UNDER 500................	0	0	0	0	1	252,950	0	0
500-1,000................	2	125,534	0	0	0	0	9	741,838
1,000-2,500..............	0	0	0	0	1	239,887	0	0
2,500-5,000..............	7	1,913,122	0	0	2	424,734	3	451,412
5,000-10,000.............	2	730,566	0	0	1	245,700	0	0
10,000-25,000............	4	1,552,777	0	0	2	235,240	7	276,090
25,000-50,000............	7	1,824,097	0	0	1	55,600	12	926,735
50,000-100,000...........	0	0	0	0	0	0	4	417,153
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	22	6,146,096	1	16,182	10	1,524,572	38	2,885,223

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NEW HAMPSHIRE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	1	1	800	0	0
500-1000	1	1	150	0	0	0	5	4,800
1000-2500	0	0	0	4	4	3,800	22	18,550
2500-5000	0	0	0	5	4	14,400	11	19,200
5000-10000	4	4	20,150	3	3	8,200	6	21,600
10000-25000	5	4	46,700	1	0	1,500	2	23,000
25000-50000	3	2	39,000	1	0	2,500	1	22,000
50000-100000	0	0	0	0	0	0	1	62,000
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	13	11	106,000	15	12	31,200	48	171,150

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW HAMPSHIRE

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
1000-2500	5	5	0	1	0	0	0	1	1	0	1	0	0	1
2500-5000	4	5	0	1	0	0	1	0	0	0	0	2	0	1
5000-10000	2	2	0	0	0	0	0	0	0	1	0	0	0	1
10000-25000	3	3	0	0	1	1	0	1	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	15	16	0	3	1	1	1	2	1	1	1	2	0	3

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW HAMPSHIRE

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	2	2	1	1	0	0	0	0	0	0	0	0	0	0
500-1000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
1000-2500	8	9	4	1	0	1	0	0	1	0	0	0	0	2
2500-5000	5	6	0	2	0	0	1	0	1	1	0	1	0	0
5000-10000	2	2	0	0	0	1	0	0	0	0	0	0	0	1
10000-25000	4	4	0	0	1	2	0	0	0	0	1	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	22	24	5	5	1	4	1	0	2	1	1	1	0	3

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

NEW HAMPSHIRE

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NEW JERSEY

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	9	7	1,958,100	1C	6	196,425	0	0
<=50C	0	0	0	1	0	400	1	24C
500-1000	5	5	6,255	4	4	2,710	0	0
1000-2500	7	6	9,370	11	9	19,395	0	0
2500-5000	13	11	43,345	30	26	119,190	0	0
5000-10000	14	13	82,150	30	25	142,350	2	7,700
10000-25000	7	5	187,475	41	28	473,635	0	0
25000-50000	8	5	281,840	9	8	245,395	0	0
50000-100000	3	2	134,760	1	1	29,000	0	0
100000-250000	1	1	120,000	2	1	145,280	0	0
250000-500000	1	1	299,000	0	0	0	0	0
>500000	0	C	0	0	0	0	0	0
TOTALS	68	56	3,122,295	139	108	1,373,780	3	7,940

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS NEW JERSEY

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	42	1,761,950	14	617,593	0	0	5	559,621
UNDER 500................	8	156,400	1	39,827	0	0	7	7,278
500-1,000................	17	2,039,858	2	850,899	0	0	1	32,345
1,000-2,500..............	59	11,933,362	11	2,972,806	0	0	2	89,522
2,500-5,000..............	115	26,277,763	15	5,874,635	0	0	7	484,625
5,000-10,000.............	204	44,902,536	22	12,501,913	1	69,956	19	2,765,923
10,000-25,000............	297	65,022,831	11	10,698,560	0	0	19	4,489,958
25,000-50,000............	137	34,851,630	5	3,017,886	0	0	10	4,143,845
50,000-100,000...........	37	6,187,672	0	0	0	0	1	451,630
100,000-250,000..........	26	8,008,527	0	0	0	0	3	88,993
250,000 AND OVER.........	33	21,041,702	1	21,030	0	0	2	3,936,550
TOTAL....................	975	222,184,231	82	36,595,149	1	69,956	71	17,050,290

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	4	120,884	19	463,852
UNDER 500................	0	0	0	0	1	57,435	4	51,860
500-1,000................	0	0	1	43,769	1	23,470	12	1,089,375
1,000-2,500..............	5	440,718	2	75,976	4	3,856,619	35	4,497,721
2,500-5,000..............	5	1,588,512	3	442,720	11	1,709,522	74	16,177,749
5,000-10,000.............	12	3,850,228	2	45,942	16	1,589,946	132	24,078,628
10,000-25,000............	15	3,535,478	2	502,677	23	8,422,193	227	37,373,965
25,000-50,000............	8	7,466,773	1	20,300	12	3,366,588	101	17,136,238
50,000-100,000...........	1	2,786,000	0	0	2	1,612,846	33	1,337,196
100,000-250,000..........	2	913,321	0	0	1	1,389,333	20	5,616,880
250,000 AND OVER.........	4	12,487,939	0	0	0	0	26	4,596,183
TOTAL....................	52	33,068,969	11	1,131,384	75	21,848,836	683	112,419,647

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NEW JERSEY

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	14	9	1,809,710	17	9	496,200	0	0
<=500	2	2	660	0	0	0	0	0
500-1000	7	7	7,915	5	4	4,495	0	0
1000-2500	10	8	24,125	18	16	32,839	0	0
2500-5000	22	18	83,175	42	29	159,455	0	0
5000-10000	21	15	224,685	65	41	342,830	1	2,600
10000-25000	10	4	103,050	57	30	565,695	0	15,790
25000-50000	7	4	243,950	12	8	300,895	1	50,100
50000-100000	2	2	134,000	2	0	59,000	0	760
100000-250000	1	1	120,000	2	1	145,755	0	0
250000-500000	2	1	299,000	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	98	71	3,050,270	221	138	2,107,364	2	69,250

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW JERSEY

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	13	25	2	9	1	2	0	0	1	0	0	0	1	9
500-1000	13	19	3	3	0	0	0	0	1	3	0	2	0	7
1000-2500	44	60	4	12	4	3	8	4	0	7	5	4	2	7
2500-5000	45	55	10	6	6	3	7	7	2	3	4	1	3	3
5000-10000	47	57	10	14	8	8	9	3	1	0	1	1	1	1
10000-25000	39	46	5	7	6	4	9	2	4	3	1	3	1	1
25000-50000	14	15	3	3	0	2	1	1	2	1	2	0	0	0
50000-100000	5	6	0	1	0	1	0	0	0	1	1	1	0	1
100000-250000	6	7	1	1	0	0	1	0	0	1	1	1	0	1
250000-500000	3	3	0	0	0	1	0	0	0	2	0	0	0	0
>500000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
TOTALS	230	294	38	56	25	24	35	17	12	21	15	13	8	30

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW JERSEY

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	14	30	6	7	2	1	1	2	0	1	0	0	1	9
500-1000	14	22	8	5	1	0	0	0	0	1	0	1	0	6
1000-2500	48	71	9	23	5	5	2	4	2	7	1	4	2	7
2500-5000	50	63	14	21	8	7	4	3	0	2	2	0	0	2
5000-10000	51	64	14	17	14	6	7	1	0	1	2	0	0	2
10000-25000	41	49	6	18	7	6	2	2	2	2	3	1	0	0
25000-50000	15	16	4	5	1	3	1	1	0	0	1	0	0	0
50000-100000	5	6	0	1	1	0	2	0	0	0	1	1	0	0
100000-250000	6	7	1	1	0	0	2	1	0	2	0	0	0	0
250000-500000	3	3	0	0	2	1	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
TOTALS	248	332	62	98	41	29	21	15	4	16	10	7	3	26

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

NEW JERSEY

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.	0	0	6	6	6	3	2	5	0	0	28	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	2	3	0	0	2	4	0	0	11	2031080
SECONDARY	0	0	4	3	6	3	0	1	0	0	17	365720
POPULATION SERVED	0	0	48700	37110	107255	85335	102500	2015900	0	0	0	2396800
SERVED COMM./FAC.	0	0	6	8	6	12	0	89	0	0	121	0
BELOW 500 1*	0	0	2	0	0	0	0	0	0	0	2	740
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	3	3	3	2	0	6	0	0	17	37170
5000 - 9999 4*	0	0	0	4	1	3	0	20	0	0	28	169460
10000 - 24999 5*	0	0	0	1	1	4	0	37	0	0	43	445970
25000 - 49999 6*	0	0	1	0	1	2	0	15	0	0	19	498000
50000 - 99999 7*	0	0	0	0	0	1	0	7	0	0	8	338600
100000 - 249999 8*	0	0	0	0	0	0	0	2	0	0	2	207700
250000 - 499999 9*	0	0	0	0	0	0	0	2	0	0	2	436800
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	22610	41280	41980	171515	0	1857055	0	0	0	2134440

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NEW MEXICO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	1	1	250	9	9	5,030	0	0
500-1000	0	0	0	7	7	4,385	0	0
1000-2500	3	3	2,946	14	13	21,200	1	1,100
2500-5000	0	0	0	10	8	25,200	0	0
5000-10000	1	1	2,000	10	8	64,800	0	0
10000-25000	0	0	0	12	7	122,310	0	0
25000-50000	0	0	0	7	5	150,600	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	1	1	200,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	5	5	5,196	70	58	593,525	1	1,100

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS NEW MEXICO

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	8	516,368	2	121,828	0	0	2	164,954
UNDER 500................	8	173,722	0	0	5	138,671	0	0
500-1,000................	10	531,055	1	63,498	1	9,724	1	26,894
1,000-2,500..............	9	938,147	0	0	1	55,476	0	0
2,500-5,000..............	2	140,800	1	79,500	0	0	0	0
5,000-10,000.............	6	550,602	0	0	0	0	2	139,497
10,000-25,000............	13	1,637,730	1	559,950	3	79,386	2	95,731
25,000-50,000............	17	3,075,998	1	475,000	0	0	1	67,799
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	19	15,532,001	1	90,000	0	0	3	2,937,033
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	92	23,096,423	7	1,389,776	10	283,257	11	3,431,908

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	29,978	1	135,787	1	49,089	1	14,732
UNDER 500................	0	0	0	0	2	33,551	1	1,500
500-1,000................	1	32,928	0	0	5	379,472	1	18,539
1,000-2,500..............	3	49,917	0	0	3	472,921	2	359,833
2,500-5,000..............	1	61,300	0	0	0	0	0	0
5,000-10,000.............	2	330,964	0	0	0	0	2	80,141
10,000-25,000............	0	0	1	153,248	3	653,290	3	96,125
25,000-50,000............	7	1,434,493	1	93,730	2	551,292	5	453,684
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	9	8,042,568	0	0	3	3,441,082	3	1,021,318
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	24	9,982,148	3	382,765	19	5,580,697	18	2,045,872

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NEW MEXICO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	14	13	24,050	0	0
500-1000	0	0	0	11	11	6,380	0	0
1000-2500	1	1	1,600	17	16	49,220	0	0
2500-5000	0	0	0	9	8	25,120	0	0
5000-10000	0	0	0	11	10	71,500	0	0
10000-25000	0	0	0	10	7	120,900	0	0
25000-50000	0	0	0	5	5	149,300	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	2	1	225,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	1	1	1,600	79	71	671,370	0	0

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW MEXICO

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	16	17	0	1	1	2	5	0	0	1	2	0	2	3
500-1000	9	10	1	1	1	3	1	0	0	0	1	1	0	1
1000-2500	15	17	0	3	1	4	1	0	1	3	0	1	1	2
2500-5000	10	11	0	3	0	0	1	2	0	3	1	1	0	0
5000-10000	8	8	0	0	1	3	2	1	0	1	0	0	0	0
10000-25000	7	8	1	0	0	3	2	0	1	1	0	0	0	0
25000-50000	6	6	0	1	1	1	1	0	2	0	0	0	0	0
50000-100000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
100000-250000	0	1	0	0	0	0	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	72	79	2	9	5	16	14	3	4	10	4	3	3	6

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW MEXICO

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	16	17	5	7	1	0	0	1	0	2	1	0	0	0
500-1000	9	10	3	5	1	0	1	0	0	0	0	0	0	0
1000-2500	15	17	2	13	0	1	1	0	0	0	0	0	0	0
2500-5000	10	11	1	5	3	0	0	1	0	1	0	0	0	0
5000-10000	9	9	1	7	1	0	0	0	0	0	0	0	0	0
10000-25000	7	8	0	6	1	1	0	0	0	0	0	0	0	0
25000-50000	6	6	1	3	1	0	1	0	0	0	0	0	0	0
50000-100000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
100000-250000	0	1	0	1	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	73	80	13	48	8	2	3	2	0	3	1	0	0	0

TABLE A-7A

NEW MEXICO

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	1	0	0	0	0	0	1	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	0	1	0	0	0	0	0	1	12000
POPULATION SERVED		0	0	0	0	12000	0	0	0	0	0	0	12000
SERVED COMM./FAC.		0	0	0	0	1	0	0	0	0	0	1	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	1	0	0	0	0	0	1	2000
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	2000	0	0	0	0	0	0	2000

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NEW YORK

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	23	16	161,370	36	21	508,065	4	22,775
<=500	10	10	3,180	9	9	3,940	13	3,070
500-1000	20	19	15,420	12	11	7,690	25	14,564
1000-2500	50	46	85,700	23	20	44,710	49	72,060
2500-5000	61	47	153,630	20	14	50,420	15	54,970
5000-10000	45	31	189,274	21	16	110,220	10	71,675
10000-25000	26	22	379,370	11	10	172,760	8	235,545
25000-50000	7	6	225,885	6	5	185,175	3	114,110
50000-100000	4	4	269,080	1	1	59,000	1	66,000
100000-250000	5	3	778,905	1	0	3,000	2	225,500
250000-500000	2	1	223,875	1	0	91,915	0	11,380
>500000	5	2	766,200	11	0	6,634,000	0	1,432,000
TOTALS	258	207	3,251,889	152	107	7,870,895	130	2,323,649

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

N E W Y O R K

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	70	6,265,790	14	1,629,734	1	135,000	15	1,415,676
UNDER 500................	25	5,504,836	5	648,110	0	0	1	458,141
500-1,000................	44	6,516,249	5	572,547	0	0	0	0
1,000-2,500..............	135	26,223,475	18	5,840,769	1	10,834	19	3,381,157
2,500-5,000..............	121	27,045,489	19	6,960,802	0	0	10	2,780,682
5,000-10,000.............	134	31,938,016	11	5,665,698	0	0	15	6,062,650
10,000-25,000............	261	45,459,104	15	8,947,881	0	0	21	5,333,982
25,000-50,000............	216	52,043,382	9	3,142,494	0	0	16	8,650,658
50,000-100,000...........	117	11,099,475	2	810,415	0	0	5	728,468
100,000-250,000..........	165	20,706,194	2	4,835,005	0	0	6	1,255,231
250,000 AND OVER.........	327	156,488,667	4	47,704,017	0	0	37	12,663,241
TOTAL....................	1,615	389,290,677	104	86,757,472	2	145,834	145	42,729,886

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	3	345,586	2	258,635	35	2,481,159
UNDER 500................	2	305,676	0	0	4	301,268	13	3,791,641
500-1,000................	5	828,673	2	723,010	3	839,381	29	3,552,638
1,000-2,500..............	9	1,535,704	2	38,520	4	1,127,047	82	14,289,444
2,500-5,000..............	15	3,286,239	4	812,851	9	2,210,229	64	10,994,686
5,000-10,000.............	11	2,754,439	3	286,086	8	1,479,963	86	15,689,180
10,000-25,000............	15	4,212,582	5	1,076,937	15	6,735,933	190	19,151,789
25,000-50,000............	19	9,644,748	1	15,033	5	2,161,001	166	28,429,448
50,000-100,000...........	3	288,706	3	473,310	4	612,006	100	8,186,570
100,000-250,000..........	4	3,095,079	0	0	2	668,484	151	10,852,395
250,000 AND OVER.........	11	45,826,758	3	2,271,120	5	12,660,830	267	35,362,701
TOTAL....................	94	71,778,604	26	6,042,453	61	29,054,777	1,183	152,781,651

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NEW YORK

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	25	15	232,020	47	20	793,655	0	1,975
<=500	9	8	16,980	16	9	14,095	13	3,320
500-1000	22	20	16,605	14	13	16,780	21	11,584
1000-2500	54	46	108,976	42	39	92,515	42	59,105
2500-5000	57	43	178,750	25	21	84,165	13	47,385
5000-10000	52	36	231,400	30	26	178,740	6	45,190
10000-25000	39	26	631,165	24	12	217,305	4	93,790
25000-50000	9	6	239,720	20	8	260,830	2	104,810
50000-100000	4	4	211,990	6	3	287,475	1	72,350
100000-250000	5	2	1,146,700	5	1	327,850	3	240,500
250000-500000	3	1	393,430	1	0	91,915	0	0
>500000	4	2	706,600	11	0	6,791,000	0	1,180,500
TOTALS	283	209	4,114,336	241	152	9,156,325	105	1,860,509

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW YORK

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	37	77	1	18	6	8	5	5	4	5	2	2	5	16
500-1000	36	55	1	11	10	10	5	2	5	5	2	0	1	3
1000-2500	89	104	1	20	11	17	8	7	10	11	4	6	3	6
2500-5000	74	81	2	14	16	13	6	10	3	10	1	0	4	2
5000-10000	62	73	3	18	6	2	6	9	7	11	4	1	4	2
10000-25000	42	47	4	5	4	7	8	4	1	9	4	0	1	0
25000-50000	21	23	1	2	1	1	4	3	3	2	4	1	1	0
50000-100000	10	13	1	3	2	1	0	1	1	2	0	0	0	2
100000-250000	5	8	1	2	2	0	0	0	0	1	1	0	0	1
250000-500000	3	5	1	0	0	0	1	0	1	1	1	0	0	0
>500000	4	9	0	1	0	0	1	1	3	2	1	0	0	0
TOTALS	383	495	16	94	58	59	44	42	38	59	24	10	19	32

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NEW YORK

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	39	81	5	25	11	2	2	4	5	4	2	2	5	14
500-1000	37	56	3	17	9	8	5	2	4	3	2	0	1	2
1000-2500	90	105	3	43	12	13	4	6	5	7	4	2	3	3
2500-5000	75	82	3	31	14	7	6	3	5	6	1	1	3	2
5000-10000	62	73	6	22	7	6	6	6	6	9	1	2	1	1
10000-25000	43	49	4	15	5	4	4	5	0	8	2	0	1	1
25000-50000	21	23	1	4	3	6	2	1	1	1	3	1	0	0
50000-100000	10	13	2	4	2	1	0	1	2	1	0	0	0	0
100000-250000	5	8	3	3	1	0	0	0	0	0	1	0	0	0
250000-500000	3	5	1	0	0	0	2	0	2	0	0	0	0	0
>500000	4	9	0	1	1	2	2	1	0	1	1	0	0	0
TOTALS	389	504	31	165	65	49	33	29	30	40	17	8	14	23

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

N E W Y O R K

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		2	1	11	8	17	8	10	6	0	0	63	0
NO TREATMENT		1	0	2	0	4	0	1	2	0	0	10	443090
PRIMARY		0	1	7	5	7	5	5	3	0	0	33	1973630
SECONDARY		1	0	2	3	6	3	4	1	0	0	20	802920
POPULATION SERVED		585	790	33290	61010	379870	287385	720295	1736415	0	0	0	3219640
SERVED COMM./FAC.		2	1	26	25	41	12	33	87	0	0	227	0
BELOW 500	1*	2	1	17	13	5	5	7	11	0	0	61	14524
500 - 999	2*	0	0	5	7	7	1	9	10	0	0	39	27007
1000 - 4999	3*	0	0	3	4	17	3	11	20	0	0	58	132115
5000 - 9999	4*	0	0	1	1	3	1	4	19	0	0	29	188870
10000 - 24999	5*	0	0	0	0	7	1	1	13	0	0	22	261978
25000 - 49999	6*	0	0	0	0	0	1	1	7	0	0	9	210765
50000 - 99999	7*	0	0	0	0	2	0	0	5	0	0	7	408814
100000 - 249999	8*	0	0	0	0	0	0	0	2	0	0	2	214545
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		635	20	13702	20264	283021	28725	105457	1006794	0	0	0	1458618

TABLE A-8A

NEW YORK

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		7	2										9
< 500													
500–1000	1	1	2										4
1000–2500	1	3	5										8
2500–5000			2										2
5000–10000		1	2							1			4
10000–25000		3	6				1			1			11
25000–50000		1	2										3
50000–100000		1			1					2			3
100000–250000			2										2
250000–500000			1										1
>500000		1											1
Total	2	18	24		1		1			4			48
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		1											1
1969		4	3										7
1970	1	4	2							1			8
1971		2	4							1			7
1972		4	7				1			2			14
1973 or later			1										1
Date not given	1	3	7		1								12
Total Projects	2	18	24		1		1			4			50

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NORTH CAROLINA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	3	21,050
<=500	12	10	4,920	4	4	1,185	10	2,235
500-1000	36	30	17,810	14	10	8,105	8	10,345
1000-2500	57	44	57,720	32	27	41,580	35	49,720
2500-5000	14	13	44,995	24	17	55,435	17	58,110
5000-10000	7	4	25,300	14	10	73,700	13	84,750
10000-25000	2	1	14,500	21	13	197,315	7	96,475
25000-50000	0	0	0	7	5	175,000	2	67,700
50000-100000	0	0	0	6	3	228,300	1	61,000
100000-250000	0	0	0	5	3	354,115	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	128	102	165,245	127	92	1,134,735	96	451,385

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS   NORTH CAROLINA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	33	1,563,452	13	884,173	0	0	3	73,730
UNDER 500................	6	262,451	1	22,204	1	40,000	0	0
500-1,000................	50	4,383,511	13	1,469,270	4	234,101	5	389,975
1,000-2,500..............	137	17,383,089	32	6,337,110	8	798,184	5	587,318
2,500-5,000..............	76	12,229,657	18	5,311,362	4	296,958	5	996,784
5,000-10,000.............	65	12,518,058	9	4,921,041	0	0	4	667,895
10,000-25,000............	81	22,097,826	7	4,899,798	2	110,945	6	1,907,009
25,000-50,000............	41	16,117,820	3	3,412,307	1	1,107,096	2	1,259,174
50,000-100,000...........	60	16,308,395	3	3,097,920	0	0	4	1,724,804
100,000-250,000..........	72	18,152,082	4	7,591,475	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	621	121,016,341	103	37,946,660	20	2,587,284	34	7,606,689

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	1	18,101	3	119,720	13	467,728
UNDER 500................	0	0	0	0	3	179,989	1	20,258
500-1,000................	6	531,754	3	254,522	4	211,745	15	1,292,144
1,000-2,500..............	16	1,612,759	15	1,235,801	22	3,810,552	39	3,001,365
2,500-5,000..............	11	1,569,168	4	565,869	8	1,588,562	26	1,900,954
5,000-10,000.............	4	633,487	9	1,253,035	8	2,127,332	31	2,915,268
10,000-25,000............	4	1,097,953	10	1,568,272	9	6,064,738	43	6,449,111
25,000-50,000............	4	2,625,507	10	3,599,743	5	1,800,730	16	2,313,263
50,000-100,000...........	3	945,531	15	3,172,998	4	345,868	31	7,021,274
100,000-250,000..........	3	2,873,876	7	3,661,324	5	1,306,100	53	2,719,307
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	51	11,890,035	74	15,329,665	71	17,555,336	268	28,100,672

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NORTH CAROLINA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	0	800	14	10	96,824	1	6,000
<=500	9	7	3,110	18	12	15,177	7	1,285
500-1000	26	22	14,180	33	30	21,355	4	2,722
1000-2500	30	24	35,660	77	71	126,215	8	10,700
2500-5000	6	6	17,900	38	31	114,270	8	30,300
5000-10000	7	4	36,600	24	20	148,090	2	9,580
10000-25000	3	2	27,000	25	17	315,835	2	21,500
25000-50000	0	0	0	9	6	230,000	1	51,000
50000-100000	0	0	0	7	3	180,100	0	0
100000-250000	0	0	0	17	3	452,715	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	82	65	135,250	262	203	1,700,581	33	133,087

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTH CAROLINA

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	29	49	7	7	3	4	3	4	4	3	1	0	1	12
500-1000	48	57	2	10	7	7	9	9	1	2	4	3	2	1
1000-2500	91	108	3	14	6	15	12	6	10	21	6	3	1	11
2500-5000	33	39	2	4	3	3	4	6	5	7	3	0	1	1
5000-10000	23	27	1	3	3	2	6	2	3	2	3	0	1	1
10000-25000	23	28	1	3	2	2	1	1	3	2	5	1	5	2
25000-50000	7	11	0	0	0	2	3	2	1	2	0	0	1	0
50000-100000	3	5	0	0	0	0	0	2	1	1	1	0	0	0
100000-250000	2	2	0	0	0	0	1	1	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	259	326	16	41	24	35	39	33	28	40	23	7	12	28

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTH CAROLINA

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	33	55	12	20	2	4	3	3	1	1	1	0	0	8
500-1000	50	60	11	21	3	5	6	6	2	2	1	1	1	1
1000-2500	94	112	12	41	6	7	8	7	8	10	4	2	0	7
2500-5000	33	39	5	14	2	6	2	2	3	2	1	2	0	0
5000-10000	23	27	3	10	2	2	3	1	4	1	1	0	0	0
10000-25000	24	29	1	9	3	2	4	0	1	7	0	0	0	2
25000-50000	7	11	1	1	5	1	3	0	0	0	0	0	0	0
50000-100000	3	5	0	1	3	0	0	0	1	0	0	0	0	0
100000-250000	2	2	0	0	1	0	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	269	340	45	117	27	27	30	19	20	23	8	5	1	18

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

NORTH CAROLINA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	1	0	0	0	0	0	1	0
NO TREATMENT		0	0	0	0	1	0	0	0	0	0	1	20000
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	20000	0	0	0	0	0	0	20000
SERVED COMM./FAC.		0	0	0	0	1	0	0	0	0	0	1	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	1	0	0	0	0	0	1	3000
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	3000	0	0	0	0	0	0	3000

TABLE A-8A

NORTH CAROLINA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown													
< 500		1	2				2						3
500–1000			2	1	1	1	4						7
1000–2500	1	3	4		1		3						10
2500–5000	2	2	1		1		1						6
5000–10000		2			1		1						3
10000–25000		2					1						2
25000–50000		1			1								2
50000–100000					1		1						1
100000–250000					1								1
250000–500000													
> 500000													
Total	3	11	9	1	7	1	13						35
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		2	1		1		3						7
1969													
1970													
1971			1										1
1972													
1973 or later													
Date not given	3	9	7	1	6	1	10						37
Total Projects	3	11	9	1	7	1	13						45

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NORTH DAKOTA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	9	9	2,600	65	65	18,950	2	620
500-1000	12	12	6,080	28	28	17,470	5	4,070
1000-2500	10	10	13,860	33	33	43,545	6	7,730
2500-5000	1	1	2,200	2	2	6,000	0	0
5000-10000	0	0	0	5	5	31,340	0	0
10000-25000	0	0	0	2	2	23,860	1	11,000
25000-50000	1	1	30,000	2	2	74,850	1	27,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	33	33	54,740	137	137	216,015	15	50,420

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

N O R T H D A K O T A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	6	131,231	0	0	1	2,490	1	39,400
UNDER 500................	38	1,073,036	0	0	20	380,234	1	61,799
500-1,000................	11	301,851	0	0	4	112,054	0	0
1,000-2,500..............	19	690,951	2	40,517	4	210,217	0	0
2,500-5,000..............	3	82,686	0	0	1	27,473	0	0
5,000-10,000.............	2	121,127	0	0	0	0	0	0
10,000-25,000............	9	2,473,177	0	0	0	0	0	0
25,000-50,000............	38	3,350,715	0	0	1	332,897	2	531,368
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	126	8,224,774	2	40,517	31	1,065,365	4	632,567

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	3	44,952	1	44,389
UNDER 500................	3	101,151	0	0	5	95,852	9	434,000
500-1,000................	0	0	1	22,075	3	118,458	3	49,264
1,000-2,500..............	2	74,500	0	0	7	214,100	4	151,617
2,500-5,000..............	0	0	0	0	2	55,213	0	0
5,000-10,000.............	1	108,549	0	0	0	0	1	12,578
10,000-25,000............	0	0	0	0	3	980,668	6	1,492,509
25,000-50,000............	1	14,357	1	376,386	8	851,572	25	1,244,135
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	7	298,557	2	398,461	31	2,360,815	49	3,428,492

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NORTH DAKOTA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	9	9	2,255	100	100	30,173	4	1,055
500-1000	9	9	5,235	34	34	23,275	3	2,680
1000-2500	3	3	5,935	43	43	61,550	3	3,960
2500-5000	0	0	0	3	3	9,880	0	0
5000-10000	0	0	0	5	5	36,000	0	0
10000-25000	0	0	0	3	3	38,070	0	0
25000-50000	0	0	0	4	4	153,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	21	21	13,425	192	192	351,948	10	7,695

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTH DAKOTA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	108	108	0	14	39	32	9	3	5	2	1	2	0	1
500-1000	46	46	0	9	17	12	4	1	0	0	3	0	0	0
1000-2500	42	42	0	8	15	5	9	3	0	1	0	0	0	1
2500-5000	3	3	0	0	2	0	0	0	1	0	0	0	0	0
5000-10000	4	4	0	0	1	0	1	1	0	1	0	0	0	0
10000-25000	4	4	0	1	1	1	0	0	0	0	1	0	0	0
25000-50000	3	3	0	1	0	0	1	1	0	0	0	0	0	0
50000-100000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	211	211	0	33	75	50	24	9	7	4	5	2	0	2

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTH DAKOTA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	109	109	31	75	1	0	0	0	0	1	0	0	0	1
500-1000	46	46	2	43	1	0	0	0	0	0	0	0	0	0
1000-2500	43	43	4	38	1	0	0	0	0	0	0	0	0	0
2500-5000	3	3	1	2	0	0	0	0	0	0	0	0	0	0
5000-10000	4	4	0	3	0	0	0	0	1	0	0	0	0	0
10000-25000	4	4	0	3	1	0	0	0	0	0	0	0	0	0
25000-50000	3	3	0	3	0	0	0	0	0	0	0	0	0	0
50000-100000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	213	213	38	168	4	0	0	0	1	1	0	0	0	1

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

NORTH DAKOTA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS	
												COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.		0	0	1	0	0	0	0	0	0	0	1	0
BELOW 500	1*	0	0	1	0	0	0	0	0	0	0	1	35
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	35	0	0	0	0	0	0	0	0	35

TABLE A-8A

NORTH DAKOTA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	COMMUNITIES
Unknown													
< 500		2	3		1					1			7
500–1000			4				1						5
1000–2500					1					2			3
2500–5000													
5000–10000													
10000–25000													
25000–50000					1								1
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total		2	7		3		1			3			16
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968			2		1		1						4
1969													
1970			1										1
1971													
1972													
1973 or later													
Date not given		2	4		2					3			11
Total Projects		2	7		3		1			3			16

TABLE A-2A

RUN DATE 66/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

OHIO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	5	4	66,685	4	4	16,095	0	0
<=500	2	2	805	2	2	360	4	1,370
500-1000	13	13	9,850	14	13	11,725	28	22,730
1000-2500	40	38	58,360	65	61	146,360	35	53,380
2500-5000	18	16	59,200	47	45	158,520	9	35,335
5000-10000	17	15	98,640	39	36	288,455	6	43,660
10000-25000	19	19	334,595	29	27	388,660	3	36,325
25000-50000	7	6	210,535	9	9	321,070	0	0
50000-100000	4	4	307,115	5	3	288,030	0	0
100000-250000	0	0	0	1	1	141,000	1	166,690
250000-500000	0	0	0	5	4	1,531,580	0	0
>500000	4	1	897,340	2	1	1,081,825	0	0
TOTALS	129	118	2,043,125	222	206	4,373,680	86	359,490

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

O H I O

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	34	1,534,471	11	239,724	0	0	8	854,148
UNDER 500................	11	1,157,237	4	248,898	0	0	0	0
500-1,000................	45	4,714,743	12	1,207,722	1	247,841	4	606,331
1,000-2,500..............	143	17,099,010	22	3,464,571	7	811,794	20	2,400,309
2,500-5,000..............	107	17,235,194	13	2,990,528	1	54,337	13	1,410,116
5,000-10,000.............	191	32,728,077	17	10,339,970	3	302,555	13	3,713,831
10,000-25,000............	283	36,791,477	8	713,665	0	0	23	9,533,276
25,000-50,000............	154	18,472,484	5	2,124,940	0	0	11	1,301,981
50,000-100,000...........	123	20,025,735	6	3,437,505	0	0	3	3,236,214
100,000-250,000..........	39	15,429,679	4	7,700,796	0	0	4	1,301,157
250,000 AND OVER.........	368	108,332,231	4	11,556,110	0	0	29	28,581,706
TOTAL....................	1,498	273,520,338	106	44,024,429	12	1,416,527	128	52,939,069

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	45,502	0	0	0	0	14	395,097
UNDER 500................	0	0	0	0	0	0	7	908,339
500-1,000................	4	364,707	0	0	0	0	24	2,288,142
1,000-2,500..............	13	1,579,492	0	0	6	696,816	75	8,146,028
2,500-5,000..............	10	1,421,881	1	154,100	5	552,269	64	10,651,963
5,000-10,000.............	10	1,845,451	4	357,658	3	1,192,385	141	14,976,227
10,000-25,000............	14	3,944,355	1	72,400	8	1,182,307	229	21,345,474
25,000-50,000............	7	2,701,508	0	0	2	359,850	129	11,984,205
50,000-100,000...........	8	4,150,400	1	3,488	1	30,935	104	9,167,193
100,000-250,000..........	2	888,063	1	219,275	1	179,787	27	5,140,601
250,000 AND OVER.........	28	14,692,535	12	7,529,164	6	1,128,737	289	44,843,979
TOTAL....................	97	31,633,894	20	8,336,085	32	5,323,086	1,103	129,847,248

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

OHIO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	13	9	122,885	87	29	16,070	0	0
<=500	3	3	845	15	6	5,030	4	1,460
500-1000	10	10	7,790	30	28	16,895	24	19,475
1000-2500	30	29	44,780	104	95	229,340	17	26,870
2500-5000	14	14	52,965	60	50	193,420	5	23,950
5000-10000	13	11	81,665	56	44	395,290	2	16,290
10000-25000	16	16	280,890	37	31	500,405	2	26,400
25000-50000	6	6	209,820	11	9	345,405	0	0
50000-100000	4	3	283,830	7	4	369,460	0	0
100000-250000	1	1	180,500	1	1	126,000	0	0
250000-500000	0	0	0	6	4	1,635,880	0	0
>500000	4	1	300,000	2	1	1,265,000	0	0
TOTALS	114	103	1,565,970	416	302	5,098,195	54	114,445

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
O H I O

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	20	32	0	14	7	0	0	0	0	4	0	1	0	6
500-1000	46	69	2	35	11	4	3	6	2	5	0	0	0	1
1000-2500	121	146	3	37	26	29	21	10	7	8	1	1	1	2
2500-5000	66	78	0	13	21	13	7	9	3	6	3	1	0	2
5000-10000	59	65	1	11	16	12	9	6	4	3	1	1	1	0
10000-25000	51	53	2	7	7	10	5	9	1	7	2	1	1	1
25000-50000	15	17	2	2	2	3	0	1	0	2	3	0	1	1
50000-100000	9	10	0	1	1	1	1	0	1	3	2	0	0	0
100000-250000	4	4	0	0	0	1	1	0	0	1	1	0	0	0
250000-500000	2	4	0	0	0	0	1	1	0	2	0	0	0	0
>500000	2	3	0	1	0	0	0	0	1	1	0	0	0	0
TOTALS	395	481	10	121	91	73	48	42	19	42	13	5	4	13

TABLE A-6A

RUN DATE 69/02/10

1968 MUNICIPAL WASTE INVENTORY
O H I O

PRELIMINARY

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	23	35	3	14	8	2	1	0	0	2	1	0	0	4
500-1000	48	72	18	31	9	2	2	3	2	1	0	1	1	2
1000-2500	131	160	19	63	24	20	6	5	4	6	9	2	0	2
2500-5000	67	80	12	35	15	5	1	3	1	3	4	0	0	1
5000-10000	63	69	8	24	15	8	9	3	2	0	0	0	0	0
10000-25000	55	58	2	18	9	8	10	4	3	3	0	1	0	0
25000-50000	16	19	1	8	4	0	4	2	0	0	0	0	0	0
50000-100000	9	10	0	3	1	0	3	0	1	2	0	0	0	0
100000-250000	4	4	0	1	1	0	2	0	0	0	0	0	0	0
250000-500000	3	5	0	0	1	0	0	1	3	0	0	0	0	0
>500000	2	3	0	1	0	0	0	1	1	0	0	0	0	0
TOTALS	421	515	63	198	87	45	38	22	17	17	14	4	1	9

TABLE A-7A

O H I O

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		1	0	4	1	3	3	3	11	0	0	26	0
NO TREATMENT		0	0	0	0	0	0	0	1	0	0	1	166690
PRIMARY		1	0	0	0	3	2	3	3	0	0	12	1227030
SECONDARY		0	0	4	1	0	1	0	7	0	0	13	2796310
POPULATION SERVED		350	0	10345	10360	71895	112590	232640	3751850	0	0	0	4190030
SERVED COMM./FAC.		0	0	4	1	4	3	7	75	0	0	94	0
BELOW 500	1*	0	0	0	0	0	0	2	6	0	0	8	2140
500 - 999	2*	0	0	1	0	0	0	0	7	0	0	8	5755
1000 - 4999	3*	0	0	2	1	2	1	0	23	0	0	29	84000
5000 - 9999	4*	0	0	1	0	0	0	2	13	0	0	16	104460
10000 - 24999	5*	0	0	0	0	2	1	2	17	0	0	22	298920
25000 - 49999	6*	0	0	0	0	0	0	1	7	0	0	8	278970
50000 - 99999	7*	0	0	0	0	0	1	0	2	0	0	3	199120
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	4225	4160	34035	70950	74515	785480	0	0	0	973365

TABLE A-8A

OHIO

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		1	2			1	2					1	6
< 500						1	2						3
500–1000		3	5		2	1	6					1	14
1000–2500		5	12		12	2	28					2	47
2500–5000		2	4		5	3	10					2	21
5000–10000			7		6	2	14						23
10000–25000		1	10	1	4	2	10			1		2	21
25000–50000			5		2	1	5						9
50000–100000			2				2						4
100000–250000			1										1
250000–500000					2	1	2						3
> 500000			4		2		3						2
Total		12	52	1	35	14	84			1		8	154
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		2			4		19						25
1969		5	8	1	7		6						27
1970			6		5	1	2						14
1971			6		1		3						10
1972			8		1								9
1973 or later		2	18		4		16						40
Date not given		3	6		13	13	38			1		8	82
Total Projects		12	52	1	35	14	84			1		8	207

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

OKLAHOMA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	9	9	2,975	27	27	7,540	0	0
500-1000	15	15	8,960	52	52	32,168	1	100
1000-2500	8	8	10,150	62	60	86,252	2	1,550
2500-5000	2	2	3,800	33	33	104,670	4	5,500
5000-10000	0	0	0	30	25	166,790	1	1,900
10000-25000	1	1	24,000	22	17	257,269	0	0
25000-50000	1	1	35,000	5	3	119,300	0	0
50000-100000	0	0	0	1	1	60,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	0	121,000	7	2	403,600	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	37	36	205,885	239	220	1,237,589	8	9,050

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

OKLAHOMA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	14	513,811	1	31,834	2	134,944	3	122,015
UNDER 500................	60	2,146,749	0	0	22	413,240	1	44,361
500-1,000................	30	1,939,113	1	23,760	10	367,536	1	17,332
1,000-2,500..............	46	3,980,341	3	145,967	14	799,223	1	46,673
2,500-5,000..............	28	2,436,708	2	252,100	2	238,272	3	287,440
5,000-10,000.............	27	2,321,937	2	500,066	1	27,633	4	274,300
10,000-25,000............	51	5,655,892	4	1,877,803	1	49,024	3	214,514
25,000-50,000............	25	4,980,691	2	1,308,232	0	0	2	668,350
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	137	15,488,737	0	0	2	179,000	3	664,794
TOTAL....................	418	39,463,979	15	4,139,762	54	2,208,872	21	2,339,779

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	2	118,194	1	20,595	5	86,229
UNDER 500................	1	8,085	2	71,189	19	903,969	15	705,905
500-1,000................	1	52,564	0	0	10	991,611	7	486,310
1,000-2,500..............	6	741,892	1	74,863	11	1,040,528	10	1,131,195
2,500-5,000..............	3	267,450	1	20,000	7	834,491	10	536,955
5,000-10,000.............	2	65,865	2	269,687	5	872,531	11	311,855
10,000-25,000............	9	1,409,049	5	1,186,224	3	229,709	26	689,569
25,000-50,000............	4	1,798,844	4	721,662	2	280,828	11	202,775
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	12	4,169,432	8	1,400,985	1	359,225	111	8,715,301
TOTAL....................	38	8,513,181	25	3,862,804	59	5,533,487	206	12,866,094

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

OKLAHOMA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	165	0	0
<=500	7	7	2,170	80	78	27,865	1	290
500-1000	9	9	5,090	79	79	58,095	1	1,000
1000-2500	4	4	5,400	80	74	120,449	2	2,800
2500-5000	0	0	0	38	36	126,125	0	0
5000-10000	0	0	0	29	25	165,185	0	0
10000-25000	1	1	24,000	24	16	306,744	0	0
25000-50000	1	1	38,000	5	3	125,300	0	0
50000-100000	0	0	0	1	1	74,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	0	121,000	8	2	442,700	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	23	22	195,660	345	315	1,446,628	4	4,090

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
O K L A H O M A

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	59	61	2	5	9	6	5	9	3	9	3	3	2	5
500-1000	65	66	2	14	10	9	4	4	8	7	0	2	4	2
1000-2500	51	54	1	21	7	10	5	1	4	3	1	0	1	0
2500-5000	28	31	1	9	3	6	1	1	4	3	1	1	0	1
5000-10000	20	22	1	6	6	1	1	1	3	1	1	0	0	1
10000-25000	14	14	1	5	1	4	0	0	0	1	0	1	0	1
25000-50000	5	6	0	2	1	0	1	1	0	0	0	1	0	0
50000-100000	2	3	0	1	0	2	0	0	0	0	0	0	0	0
100000-250000	0	2	0	0	1	0	0	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	244	259	8	63	38	38	17	17	22	25	6	8	7	10

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
OKLAHOMA

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	71	73	32	28	4	2	0	1	1	2	1	0	0	2
500-1000	78	79	45	21	3	1	2	3	3	0	0	0	0	1
1000-2500	62	66	27	30	5	1	0	1	1	0	0	0	1	0
2500-5000	32	36	14	13	2	3	0	1	0	2	1	0	0	0
5000-10000	24	26	8	11	3	3	0	1	0	0	0	0	0	0
10000-25000	15	16	6	7	0	1	1	0	0	1	0	0	0	0
25000-50000	7	8	1	7	0	0	0	0	0	0	0	0	0	0
50000-100000	2	3	0	3	0	0	0	0	0	0	0	0	0	0
100000-250000	0	2	0	1	1	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	291	309	133	121	18	11	3	7	5	5	2	0	1	3

TABLE A-7A

O K L A H O M A

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	1	0	0	0	0	0	1	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	1	0	0	0	0	0	1	10000
POPULATION SERVED	0	0	0	0	10000	0	0	0	0	0	0	10000
SERVED COMM./FAC.	0	1	0	0	0	0	0	0	0	0	1	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	1	0	0	0	0	0	0	0	0	1	400
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	400	0	0	0	0	0	0	0	0	0	400

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

OREGON

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	11	11	20,650	0	0
<=500	7	6	1,500	13	12	3,060	4	950
500-1000	11	9	6,690	18	18	14,510	3	1,850
1000-2500	12	10	22,200	22	22	29,550	5	3,300
2500-5000	9	9	31,600	12	11	37,210	2	6,500
5000-10000	6	6	41,960	14	11	73,500	2	8,500
10000-25000	3	3	31,100	6	6	93,700	2	39,500
25000-50000	1	1	52,000	0	0	0	0	0
50000-100000	1	1	45,000	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	1	364,000	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	51	46	596,050	96	91	272,180	18	60,600

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

O R E G O N

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	21	536,127	4	111,309	0	0	2	14,096
UNDER 500................	18	1,196,548	5	443,652	3	160,260	0	0
500-1,000................	31	2,834,902	4	594,264	8	708,321	2	83,611
1,000-2,500..............	30	2,683,292	6	672,203	3	282,686	4	68,078
2,500-5,000..............	38	3,036,513	4	504,268	0	0	7	828,182
5,000-10,000.............	111	9,116,533	2	1,009,520	3	391,151	7	1,166,804
10,000-25,000............	81	4,809,266	0	0	1	106,669	5	1,377,443
25,000-50,000............	16	12,446,309	1	2,715,577	0	0	1	369,814
50,000-100,000...........	70	10,667,007	1	452,481	0	0	1	1,215,328
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	79	12,352,183	2	818,160	0	0	1	297,100
TOTAL....................	495	59,678,680	29	7,321,434	18	1,649,087	30	5,420,456

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	3	74,385	0	0	0	0	12	336,337
UNDER 500................	2	41,345	0	0	2	100,323	6	450,968
500-1,000................	2	51,653	1	36,517	1	75,300	13	1,285,236
1,000-2,500..............	2	59,507	0	0	2	195,851	13	1,404,967
2,500-5,000..............	5	190,247	0	0	3	256,203	19	1,257,613
5,000-10,000.............	16	2,279,802	1	57,300	4	160,003	78	4,051,953
10,000-25,000............	4	774,120	1	20,077	3	194,614	67	2,336,343
25,000-50,000............	4	3,080,544	0	0	1	113,390	9	6,166,984
50,000-100,000...........	3	623,006	1	594,152	4	641,978	60	7,140,062
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	15	5,935,735	0	0	4	787,019	57	4,514,169
TOTAL....................	56	13,110,344	4	708,046	24	2,524,681	334	28,944,632

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

OREGON

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	2,950	13	12	103,140	0	0
<=500	7	7	3,262	17	16	6,200	4	950
500-1000	8	7	5,920	32	32	30,020	1	660
1000-2500	6	5	9,100	28	28	44,680	2	1,700
2500-5000	6	6	24,600	17	16	68,630	1	3,000
5000-10000	3	3	20,720	17	14	127,430	0	0
10000-25000	2	2	13,000	8	8	152,800	1	31,000
25000-50000	0	0	0	1	1	70,000	0	0
50000-100000	1	1	75,000	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	1	340,000	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	35	33	494,552	133	127	602,900	9	37,310

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
OREGON

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	21	22	3	3	3	1	1	2	0	1	1	0	3	4
500-1000	35	35	2	10	2	3	2	1	0	7	3	1	1	3
1000-2500	44	45	0	8	3	0	6	5	6	5	6	2	2	2
2500-5000	26	26	0	1	1	2	2	3	0	4	7	3	2	1
5000-10000	18	21	0	1	0	1	3	2	2	3	3	2	4	0
10000-25000	13	13	0	1	0	1	2	0	1	5	1	2	0	0
25000-50000	3	3	0	1	0	1	0	0	0	0	1	0	0	0
50000-100000	2	2	0	0	0	0	0	0	0	2	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	163	168	5	25	9	9	16	14	9	27	22	10	12	10

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
OREGON

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	21	22	16	3	0	0	0	0	1	1	1	0	0	0
500-1000	35	35	20	7	1	1	0	1	1	2	1	0	1	0
1000-2500	44	45	15	10	3	2	1	2	3	2	1	2	1	3
2500-5000	26	26	4	6	2	2	3	3	2	0	2	1	1	0
5000-10000	18	21	2	2	2	0	4	3	1	1	5	0	0	1
10000-25000	13	13	0	0	4	1	2	2	1	1	0	1	1	0
25000-50000	3	3	0	1	0	0	0	0	1	1	0	0	0	0
50000-100000	2	2	0	0	0	0	0	0	0	2	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	163	168	57	29	12	6	10	12	10	10	10	4	4	4

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

OREGON

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	1	1	1	0	0	0	0	0	3	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	1	1	0	0	0	0	0	0	2	17000
SECONDARY	0	0	0	0	1	0	0	0	0	0	1	25000
POPULATION SERVED	0	0	6000	11000	25000	0	0	0	0	0	0	42000
SERVED COMM./FAC.	0	0	1	1	1	0	0	0	0	0	3	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	1	1	1	0	0	0	0	0	3	7000
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	2000	3000	2000	0	0	0	0	0	0	7000

TABLE A-8A

OREGON

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown					2	1	1						3
< 500		2	2		1	1	3	3					5
500–1000			4				1						4
1000–2500		2	5		3	1	3	1					12
2500–5000		1	7		2		1	1					9
5000–10000			3		2		2						7
10000–25000		1			2	1	1	1					3
25000–50000													
50000–100000													
100000–250000													
250000–500000			1			1							1
> 500000													
Total		6	22		12	5	12	6					44
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		2	3		7	3	4	3					22
1969		2	2		2	1	6	2					15
1970		1				1	1	1					4
1971													
1972			16		2								18
1973 or later													
Date not given		1	1		1		1						4
Total Projects		6	22		12	5	12	6					63

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

, PENNSYLVANIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	2	45,315	18	13	1,791,640	1	1,800
<=500	6	6	1,775	8	6	2,910	17	6,580
500-1000	8	6	7,925	17	15	11,150	54	41,905
1000-2500	36	33	65,480	42	37	75,967	90	143,265
2500-5000	18	18	67,060	47	41	162,560	50	174,685
5000-10000	20	18	155,450	66	54	382,500	42	289,920
10000-25000	20	18	332,085	42	25	476,975	18	273,910
25000-50000	4	4	177,265	7	6	230,000	1	32,055
50000-100000	3	3	313,000	12	7	510,150	0	68,000
100000-250000	0	0	0	2	2	265,000	1	129,000
250000-500000	0	0	0	0	0	0	0	0
>500000	2	0	2,212,000	1	1	1,097,000	0	0
TOTALS	120	108	3,377,355	262	207	5,005,852	274	1,161,120

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

PENNSYLVANIA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	101	4,605,826	52	2,441,614	0	0	6	424,442
UNDER 500................	16	2,763,261	4	461,867	0	0	1	143,005
500-1,000................	65	8,249,961	18	2,524,153	0	0	3	96,450
1,000-2,500..............	187	33,548,076	39	9,440,462	1	118,000	12	1,149,751
2,500-5,000..............	214	36,525,153	33	9,846,469	0	0	16	6,370,062
5,000-10,000.............	321	77,070,404	34	17,934,207	1	454,022	22	2,698,929
10,000-25,000............	305	45,514,663	16	6,717,712	0	0	15	2,990,638
25,000-50,000............	101	12,823,821	2	2,882,874	0	0	6	2,435,020
50,000-100,000...........	103	36,563,941	5	10,238,318	0	0	13	4,084,102
100,000-250,000..........	51	12,734,743	2	798,203	0	0	4	4,288,718
250,000 AND OVER.........	309	74,822,182	7	6,002,871	0	0	40	4,574,856
TOTAL....................	1,773	345,222,031	212	69,288,750	2	572,022	138	29,255,973

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	4	774,405	39	965,365
UNDER 500................	0	0	0	0	2	122,010	9	2,036,379
500-1,000................	7	355,614	0	0	1	19,400	36	5,254,344
1,000-2,500..............	27	3,700,822	3	52,105	14	1,781,595	91	17,305,341
2,500-5,000..............	22	3,606,339	0	0	10	906,489	133	15,795,794
5,000-10,000.............	27	9,362,330	1	11,300	19	2,764,644	217	43,844,972
10,000-25,000............	24	5,523,282	1	10,450	12	4,172,519	237	26,100,062
25,000-50,000............	3	1,132,326	0	0	3	317,245	87	6,056,356
50,000-100,000...........	10	11,668,992	2	193,407	5	4,827,076	68	5,552,046
100,000-250,000..........	6	3,674,869	0	0	0	0	39	3,972,953
250,000 AND OVER.........	16	7,439,202	1	61,140	4	406,913	241	56,337,200
TOTAL....................	142	46,463,776	8	328,402	74	16,092,296	1,197	183,220,812

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

PENNSYLVANIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	2	1	15,315	19	14	428,815	3	8,300
<=500	7	6	3,645	7	5	2,360	19	9,805
500-1000	13	10	11,550	21	19	17,295	55	47,015
1000-2500	38	35	78,900	53	52	118,394	80	133,750
2500-5000	22	20	80,985	62	51	229,140	42	170,800
5000-10000	26	23	194,135	72	57	460,500	23	160,255
10000-25000	21	19	319,375	47	28	585,265	14	224,165
25000-50000	2	2	105,000	11	9	1,882,315	0	0
50000-100000	3	3	305,000	13	7	487,800	0	68,000
100000-250000	0	0	0	2	2	265,000	1	128,000
250000-500000	0	0	0	0	0	0	0	0
>500000	2	0	2,212,000	1	1	1,097,000	0	0
TOTALS	136	119	3,325,905	314	245	5,573,884	237	950,090

TABLE A-5A

RUN DATE 69/02/11

1968 MUNICIPAL WASTE INVENTORY
PENNSYLVANIA

PRELIMINARY

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	20	37	2	12	4	0	1	1	2	0	1	2	0	12
500-1000	34	36	6	5	5	2	3	4	3	1	2	1	1	3
1000-2500	80	85	14	19	6	10	12	5	5	5	4	0	1	4
2500-5000	78	82	15	15	9	10	12	4	8	1	1	3	0	4
5000-10000	75	83	16	14	6	8	5	5	6	7	10	4	0	2
10000-25000	50	54	4	6	3	9	8	3	7	6	2	4	1	1
25000-50000	22	22	0	6	4	4	4	2	1	0	1	0	0	0
50000-100000	9	9	0	3	1	3	0	1	0	1	0	0	0	0
100000-250000	4	4	0	0	0	0	0	0	1	2	0	1	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
TOTALS	373	413	57	81	38	46	45	25	33	23	21	15	3	26

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
PENNSYLVANIA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	21	38	9	13	3	2	1	1	0	0	0	0	0	9
500-1000	36	38	9	14	2	1	2	2	1	1	1	1	1	3
1000-2500	83	88	26	31	8	4	5	4	1	2	2	2	0	3
2500-5000	80	85	20	28	7	9	7	3	2	4	1	0	1	3
5000-10000	77	85	18	38	4	7	5	4	3	3	2	1	0	0
10000-25000	51	55	10	21	7	2	3	2	3	2	1	1	1	2
25000-50000	22	22	1	9	7	2	2	0	1	0	0	0	0	0
50000-100000	10	10	0	6	2	1	1	0	0	0	0	0	0	0
100000-250000	5	5	2	1	0	1	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	2	4	0	2	1	1	0	0	0	0	0	0	0	0
TOTALS	387	430	95	163	41	30	27	16	11	12	7	5	3	20

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

PENNSYLVANIA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	3	11	29	24	11	10	8	0	0	96	0
NO TREATMENT		0	2	1	9	5	0	1	1	0	0	19	346330
PRIMARY		0	1	4	9	9	3	3	2	0	0	31	2961420
SECONDARY		0	0	6	11	10	8	6	5	0	0	46	4031420
POPULATION SERVED		0	3540	35210	243275	464945	448000	841200	5303000	0	0	0	7339170
SERVED COMM./FAC.		0	2	12	43	56	17	49	79	0	0	258	0
BELOW 500	1*	0	0	0	0	1	0	2	2	0	0	5	1830
500 - 999	2*	0	1	1	3	5	2	2	1	0	0	15	10200
1000 - 4999	3*	0	1	8	19	23	4	22	25	0	0	102	266270
5000 - 9999	4*	0	0	3	13	13	10	11	23	0	0	73	442470
10000 - 24999	5*	0	0	0	5	10	0	11	21	0	0	47	605915
25000 - 49999	6*	0	0	0	3	3	1	0	5	0	0	12	299881
50000 - 99999	7*	0	0	0	0	1	0	1	2	0	0	4	176778
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	5020	29630	239068	353588	111940	284160	779938	0	0	0	1803344

TABLE A-8A

PENNSYLVANIA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		5											5
< 500		1	1										2
500–1000	2	12	2				2						16
1000–2500		18	8		2								28
2500–5000	1	9			2	1	4	1					13
5000–10000	1	8	7		8								23
10000–25000		5	1		4								10
25000–50000			2		1		1						3
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total	4	58	21		17	1	7	1					100
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968	1	1											2
1969	1												1
1970													
1971													
1972		50	17		10	1	7	1					86
1973 or later													
Date not given	2	7	4		7								20
Total Projects	4	58	21		17	1	7	1					109

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

PUERTO RICO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	1	1	280	1	1	70	0	0
1000-2500	11	11	2,895	8	8	1,709	0	0
2500-5000	16	16	7,505	8	8	7,125	3	615
5000-10000	5	5	4,610	5	5	4,745	1	540
10000-25000	1	1	1,165	1	1	850	3	4,440
25000-50000	0	0	0	1	1	5,340	1	4,415
50000-100000	0	0	0	0	0	0	1	6,360
100000-250000	0	0	0	0	0	0	1	10,310
250000-500000	1	1	53,660	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	35	35	75,115	24	24	19,839	10	26,680

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

PUERTO RICO

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	4	2,102,027	0	0	0	0	0	0
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	2	284,458	1	242,055	0	0	0	0
1,000-2,500..............	9	695,428	3	372,320	0	0	0	0
2,500-5,000..............	8	1,500,011	3	764,497	0	0	0	0
5,000-10,000.............	3	539,608	2	498,508	0	0	0	0
10,000-25,000............	6	2,569,179	1	585,404	0	0	0	0
25,000-50,000............	3	1,665,884	1	717,319	0	0	0	0
50,000-100,000...........	1	76,027	0	0	0	0	0	0
100,000-250,000..........	11	2,569,292	0	0	0	0	0	0
250,000 AND OVER.........	14	3,894,864	0	0	0	0	0	0
TOTAL....................	61	15,896,778	11	3,180,103	0	0	0	0

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	2	1,354,097	0	0	0	0	2	747,930
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	0	0	0	0	1	42,403	0	0
1,000-2,500..............	2	144,708	0	0	1	98,414	3	79,986
2,500-5,000..............	0	0	0	0	2	564,478	3	171,036
5,000-10,000.............	0	0	0	0	0	0	1	41,100
10,000-25,000............	4	1,948,330	0	0	0	0	1	35,445
25,000-50,000............	0	0	0	0	0	0	2	948,565
50,000-100,000...........	0	0	0	0	0	0	1	76,027
100,000-250,000..........	1	483,572	0	0	2	1,373,821	8	711,899
250,000 AND OVER.........	10	1,792,907	0	0	4	2,101,957	0	0
TOTAL....................	19	5,723,614	0	0	10	4,181,073	21	2,811,988

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

PUERTO RICO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	1	1	280	1	1	1,145	0	0
1000-2500	11	11	11,995	8	8	13,850	0	0
2500-5000	16	16	21,314	8	8	71,150	2	495
5000-10000	4	4	10,385	6	6	26,610	1	540
10000-25000	1	1	1,200	1	1	5,500	3	4,440
25000-50000	0	0	0	1	1	39,600	1	4,415
50000-100000	0	0	0	0	0	0	1	6,360
100000-250000	0	0	0	0	0	0	1	10,310
250000-500000	1	1	450,000	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	34	34	495,174	25	25	157,855	9	26,560

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
PUERTO RICO

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	5	0	1	0	0	0	0	0	0	1	0	0	3
500-1000	6	6	0	2	0	0	1	0	1	0	1	1	0	0
1000-2500	9	9	1	4	1	0	0	0	0	1	0	0	0	2
2500-5000	9	9	3	4	0	0	0	1	0	0	0	0	0	1
5000-10000	3	3	2	1	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	34	34	7	13	1	0	1	1	1	1	2	1	0	6

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
PUERTO RICO

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	5	0	1	0	0	0	0	0	0	0	1	1	2
500-1000	7	7	1	1	0	1	0	1	0	1	1	1	0	0
1000-2500	18	18	7	4	2	1	2	0	1	1	0	0	0	0
2500-5000	16	16	10	5	0	0	0	0	0	1	0	0	0	0
5000-10000	5	5	2	3	0	0	0	0	0	0	0	0	0	0
10000-25000	2	2	2	0	0	0	0	0	0	0	0	0	0	0
25000-50000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	55	55	24	14	2	2	2	1	1	3	1	2	1	2

TABLE A-7A

PUERTO RICO

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	1	0	0	1	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	1	0	0	1	58660
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	58660	0	0	0	58660
SERVED COMM./FAC.	0	0	0	0	0	0	0	1	0	0	1	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	1	0	0	1	10960
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	10960	0	0	0	10960

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

RHODE ISLAND

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	101,260	0	0	0	0	0
<=500	0	0	0	0	0	0	1	300
500-1000	0	0	0	1	0	400	0	0
1000-2500	0	0	0	1	1	1,120	2	1,610
2500-5000	2	1	1,480	0	0	0	1	2,000
5000-10000	1	1	7,600	1	1	2,500	1	175
10000-25000	2	2	18,600	1	1	18,000	0	0
25000-50000	1	1	58,850	2	1	76,000	0	0
50000-100000	0	0	0	1	1	45,720	0	0
100000-250000	0	0	0	1	1	226,360	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	7	6	187,790	8	6	370,100	5	4,085

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

RHODE ISLAND

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	10	1,009,481	4	105,443	0	0	2	784,400
UNDER 500.................	1	23,631	1	23,631	0	0	0	0
500-1,000.................	0	0	0	0	0	0	0	0
1,000-2,500..............	1	10,215	0	0	0	0	0	0
2,500-5,000..............	5	788,692	0	0	0	0	0	0
5,000-10,000.............	6	139,183	1	26,800	1	11,135	0	0
10,000-25,000............	12	1,451,156	1	2,305	0	0	0	0
25,000-50,000............	17	5,622,758	0	0	0	0	1	1,665,000
50,000-100,000...........	35	14,524,262	0	0	0	0	1	2,237,903
100,000-250,000..........	16	2,287,709	0	0	0	0	3	1,190,853
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	103	25,857,087	7	158,179	1	11,135	7	5,878,156

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	13,474	0	0	0	0	3	106,164
UNDER 500.................	0	0	0	0	0	0	0	0
500-1,000.................	0	0	0	0	0	0	0	0
1,000-2,500..............	0	0	0	0	0	0	1	10,215
2,500-5,000..............	1	79,522	0	0	2	402,000	2	307,170
5,000-10,000.............	1	17,871	0	0	0	0	3	83,377
10,000-25,000............	1	904,627	0	0	1	64,790	9	479,434
25,000-50,000............	5	1,161,175	0	0	1	15,088	10	2,781,495
50,000-100,000...........	8	3,301,170	0	0	1	2,526,000	25	6,459,189
100,000-250,000..........	0	0	0	0	2	192,231	11	904,625
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	17	5,477,839	0	0	7	3,200,109	64	11,131,669

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

RHODE ISLAND

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	1	0	1,700	0	0	0	1	300
500-1000	0	0	0	1	0	400	0	0
1000-2500	1	0	100,460	0	0	0	3	1,780
2500-5000	1	1	1,000	0	0	0	0	1,700
5000-10000	2	2	6,090	1	1	3,370	1	175
10000-25000	2	2	21,700	1	1	18,400	0	0
25000-50000	1	1	55,000	2	1	69,400	0	0
50000-100000	0	0	0	2	2	58,500	0	0
100000-250000	0	0	0	1	1	234,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	8	6	185,940	8	6	384,070	5	3,955

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
RHODE ISLAND

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	1	2	0	1	0	0	0	1	0	0	0	0	0	0
2500-5000	2	2	0	1	0	0	0	0	0	0	0	0	0	1
5000-10000	2	2	0	0	0	0	0	0	0	1	0	0	0	1
10000-25000	3	3	0	0	0	1	0	1	0	1	0	0	0	0
25000-50000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
50000-100000	2	2	0	0	0	1	0	0	0	1	0	0	0	0
100000-250000	2	2	0	0	0	0	0	0	1	0	1	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	13	14	0	2	0	2	0	2	1	4	1	0	0	2

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
RHODE ISLAND

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	2	2	2	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	1	2	0	1	1	0	0	0	0	0	0	0	0	0
2500-5000	2	2	1	0	0	0	0	1	0	0	0	0	0	0
5000-10000	2	2	0	1	0	0	0	0	1	0	0	0	0	0
10000-25000	3	3	0	1	0	0	1	0	0	1	0	0	0	0
25000-50000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
50000-100000	2	2	0	1	0	1	0	0	0	0	0	0	0	0
100000-250000	2	2	0	0	0	0	0	1	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	15	16	3	4	2	1	1	2	1	2	0	0	0	0

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

RHODE ISLAND

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	1	0	2	0	0	3	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	1	0	1	0	0	2	160110
SECONDARY	0	0	0	0	0	0	0	1	0	0	1	226360
POPULATION SERVED	0	0	0	0	0	58850	0	327620	0	0	0	386470
SERVED COMM./FAC.	0	0	0	0	0	1	0	6	0	0	7	0
BELOW 500 1*	0	0	0	0	0	0	0	1	0	0	1	160
500 - 999 2*	0	0	0	0	0	0	0	1	0	0	1	500
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	1	0	3	0	0	4	42520
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	1	0	0	1	81000
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	3800	0	120380	0	0	0	124180

TABLE A-8A

RHODE ISLAND

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	1						2						3
< 500													
500–1000													
1000–2500													
2500–5000													
5000–10000													
10000–25000													
25000–50000				1	1								2
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total	1			1	1		2						5
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969													
1970													
1971	1												1
1972					1		2						3
1973 or later													
Date not given				1									1
Total Projects	1			1	1		2						5

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

SOUTH CAROLINA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	18,750	0	0
<=500	10	6	1,925	2	2	504	1	105
500-1000	5	5	4,050	3	3	1,650	7	4,440
1000-2500	52	31	50,595	16	13	22,383	8	13,822
2500-5000	23	12	37,225	10	9	25,315	4	15,830
5000-10000	10	4	24,800	18	14	99,665	8	54,245
10000-25000	3	2	4,400	11	5	125,540	1	51,130
25000-50000	3	2	70,000	2	1	53,000	1	35,610
50000-100000	0	0	0	2	1	69,000	2	145,530
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	106	62	192,995	65	49	415,807	32	320,712

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS   SOUTH CAROLINA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	17	2,741,734	3	1,342,565	1	50,000	1	21,600
UNDER 500................	9	897,153	0	0	4	216,349	1	87,243
500-1,000................	5	392,281	0	0	2	93,548	1	115,955
1,000-2,500..............	48	7,220,301	4	2,243,706	12	1,098,199	1	118,892
2,500-5,000..............	30	2,958,356	2	206,609	11	610,594	1	105,480
5,000-10,000.............	45	6,701,287	2	902,553	11	1,182,409	2	776,083
10,000-25,000............	34	7,747,329	2	310,793	1	390,659	4	1,349,330
25,000-50,000............	25	7,203,842	3	1,875,484	1	17,226	0	0
50,000-100,000...........	31	6,970,277	2	354,915	1	65,924	1	93,379
100,000-250,000..........	12	2,500,622	0	0	3	281,966	4	585,459
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	256	45,333,182	18	7,236,625	47	4,006,874	16	3,253,421

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	225,418	0	0	0	0	11	1,102,151
UNDER 500................	3	233,561	0	0	0	0	1	360,000
500-1,000................	1	40,938	0	0	0	0	1	141,840
1,000-2,500..............	12	1,323,032	2	367,198	7	742,948	10	1,326,326
2,500-5,000..............	5	596,964	3	395,168	2	146,019	6	897,522
5,000-10,000.............	9	1,517,236	2	351,421	5	465,796	14	1,505,789
10,000-25,000............	10	2,764,079	1	66,686	4	1,089,648	12	1,776,134
25,000-50,000............	7	2,919,900	0	0	4	504,262	10	1,886,970
50,000-100,000...........	4	2,245,832	0	0	3	388,746	20	3,821,481
100,000-250,000..........	2	779,311	2	842,997	1	10,889	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	54	12,646,271	10	2,023,470	26	3,348,308	85	12,818,213

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

SOUTH CAROLINA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	10,000	2	2	19,750	0	0
<=500	10	6	1,925	5	5	1,404	0	100
500-1000	5	5	5,050	9	6	4,420	7	4,440
1000-2500	35	18	33,603	42	28	44,472	6	9,040
2500-5000	10	3	14,015	32	20	59,355	2	7,700
5000-10000	5	3	13,325	34	18	126,380	5	34,805
10000-25000	2	1	3,150	17	7	138,590	0	41,930
25000-50000	1	1	29,000	5	2	95,000	0	16,660
50000-100000	0	0	0	2	1	72,000	2	145,530
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	69	38	110,068	148	89	561,371	22	260,205

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTH CAROLINA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	11	38	0	3	0	1	2	0	0	3	1	0	2	26
500-1000	16	30	4	5	3	1	1	1	1	3	3	0	1	7
1000-2500	46	63	2	12	6	6	8	4	1	7	3	3	4	7
2500-5000	14	20	0	4	2	0	4	3	3	1	1	1	0	1
5000-10000	15	17	0	1	1	4	1	4	2	1	1	1	0	1
10000-25000	11	13	0	5	3	1	1	0	0	0	1	0	0	2
25000-50000	1	2	0	0	1	0	0	1	0	0	0	0	0	0
50000-100000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	115	184	6	30	16	13	17	13	7	16	10	5	7	44

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTH CAROLINA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	17	52	1	26	5	0	2	0	0	0	1	0	1	16
500-1000	20	36	0	25	3	0	0	0	0	3	2	0	1	2
1000-2500	55	75	4	48	5	2	1	2	0	3	3	1	3	3
2500-5000	14	20	0	14	2	1	1	1	0	1	0	0	0	0
5000-10000	16	18	0	12	2	0	0	0	2	0	0	1	0	1
10000-25000	12	14	1	9	2	1	0	0	0	0	0	0	0	1
25000-50000	1	2	0	0	2	0	0	0	0	0	0	0	0	0
50000-100000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	136	218	6	134	21	4	5	3	2	7	6	2	5	23

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

SOUTH CAROLINA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		0	0	1	0	0	2	1	0	0	0	4	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	1	0	0	1	0	0	0	0	2	34000
SECONDARY		0	0	0	0	0	1	1	0	0	0	2	87000
POPULATION SERVED		0	0	5000	0	0	59000	57000	0	0	0	0	121000
SERVED COMM./FAC.		0	0	2	0	0	2	1	0	0	0	5	0
BELOW 500	1*	0	0	1	0	0	0	0	0	0	0	1	490
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	1	0	0	2	1	0	0	0	4	5786
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	1490	0	0	2786	2000	0	0	0	0	6276

TABLE A-8A

SOUTH CAROLINA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	COMMUNITIES
Unknown		3	1			1				1			4
< 500													
500–1000													
1000–2500		1	1					1		1			3
2500–5000								1					1
5000–10000	2	1		1	2			1					6
10000–25000					1								1
25000–50000			1		1					1			2
50000–100000								1					1
100000–250000													
250000–500000													
>500000													
Total	2	5	3	1	4	1		4		3			18
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968			1							1			2
1969	2	1	1					1					5
1970		1	1							1			3
1971													
1972													
1973 or later													
Date not given		3		1	4	1		3		1			13
Total Projects	2	5	3	1	4	1		4		3			23

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

SOUTH DAKOTA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	15	15	5,255	45	45	15,890	12	3,395
500-1000	15	15	10,060	31	31	22,500	2	1,290
1000-2500	4	4	5,030	30	30	45,767	2	1,870
2500-5000	2	2	6,900	9	9	34,100	2	6,600
5000-10000	0	0	0	1	1	5,400	3	22,900
10000-25000	0	0	0	5	5	74,000	1	10,000
25000-50000	0	0	0	1	1	42,300	0	0
50000-100000	0	0	0	1	1	65,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	36	36	27,245	123	123	304,957	22	46,055

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

S O U T H D A K O T A

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	3	26,143	0	0	0	0	0	0
UNDER 500................	25	898,374	1	30,764	10	240,936	0	0
500-1,000................	21	913,085	0	0	7	180,764	1	17,728
1,000-2,500..............	17	772,233	0	0	3	82,295	0	0
2,500-5,000..............	16	517,542	0	0	2	24,250	0	0
5,000-10,000.............	16	1,174,590	2	634,515	0	0	0	0
10,000-25,000............	33	3,051,835	1	437,000	3	208,589	3	625,982
25,000-50,000............	4	3,525,893	1	2,788,580	0	0	0	0
50,000-100,000...........	24	1,591,996	0	0	0	0	3	53,676
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	159	12,471,691	5	3,890,859	25	736,834	7	697,386

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	1	5,178	2	20,965
UNDER 500................	0	0	0	0	4	77,754	10	548,920
500-1,000................	0	0	0	0	9	292,243	4	422,350
1,000-2,500..............	1	14,065	1	27,858	6	246,648	6	401,367
2,500-5,000..............	0	0	2	108,776	2	285,796	10	98,720
5,000-10,000.............	2	208,810	0	0	1	73,963	11	257,302
10,000-25,000............	4	533,450	3	449,431	5	433,237	14	364,146
25,000-50,000............	0	0	1	729,851	0	0	2	7,462
50,000-100,000...........	4	1,104,355	0	0	2	306,924	15	127,041
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	11	1,860,680	7	1,315,916	30	1,721,743	74	2,248,273

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

SOUTH DAKOTA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	1,000	0	0
<=500	13	13	4,455	68	68	21,715	13	3,135
500-1000	9	9	5,770	39	39	28,930	1	690
1000-2500	2	2	2,380	34	34	50,797	1	1,070
2500-5000	2	2	6,900	10	10	37,300	1	4,100
5000-10000	1	1	10,800	1	1	5,400	1	6,000
10000-25000	1	1	10,000	5	5	74,000	0	0
25000-50000	0	0	0	1	1	42,300	0	0
50000-100000	0	0	0	1	1	70,000	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	28	28	40,305	160	160	331,442	17	14,995

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTH DAKOTA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	67	67	0	14	12	7	14	4	5	5	2	1	0	3
500-1000	41	41	0	11	9	11	1	2	2	2	2	0	1	0
1000-2500	33	33	0	11	4	4	1	3	1	6	1	1	0	1
2500-5000	10	10	1	5	1	1	1	0	0	1	0	0	0	0
5000-10000	1	1	0	0	0	0	0	0	0	0	1	0	0	0
10000-25000	6	6	0	0	0	0	2	1	1	1	1	0	0	0
25000-50000	1	1	0	0	0	0	0	0	0	0	0	1	0	0
50000-100000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	160	160	1	41	26	23	20	10	9	15	7	3	1	4

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTH DAKOTA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	81	81	9	66	2	1	1	0	0	2	0	0	0	0
500-1000	46	46	4	40	1	0	1	0	0	0	0	0	0	0
1000-2500	37	37	6	28	3	0	0	0	0	0	0	0	0	0
2500-5000	12	12	0	11	1	0	0	0	0	0	0	0	0	0
5000-10000	2	2	0	1	0	1	0	0	0	0	0	0	0	0
10000-25000	7	7	0	3	1	1	0	1	0	1	0	0	0	0
25000-50000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
50000-100000	1	1	0	0	0	1	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	187	187	19	150	8	4	2	1	0	3	0	0	0	0

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

SOUTH DAKOTA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-8A

SOUTH DAKOTA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		2											2
< 500		4	6	1									11
500–1000		1	5										6
1000–2500			2										2
2500–5000			2									1	3
5000–10000													
10000–25000			1										1
25000–50000													
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total		7	16	1								1	25
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969													
1970		4											4
1971		1	16	1								1	19
1972													
1973 or later													
Date not given		2											2
Total Projects		7	16	1								1	25

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

TENNESSEE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	2	2	170	1	1	285	2	380
500-1000	4	4	2,210	4	4	1,910	2	1,281
1000-2500	14	14	20,655	19	19	28,032	8	10,370
2500-5000	11	10	27,550	15	15	46,895	5	16,460
5000-10000	3	3	15,950	17	17	108,065	3	16,780
10000-25000	4	4	45,550	11	11	121,200	1	13,200
25000-50000	2	2	69,000	0	0	0	1	23,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	2	1	131,000	3	2	280,975	0	0
250000-500000	0	0	0	0	0	0	1	497,525
>500000	0	0	0	0	0	0	0	0
TOTALS	42	40	312,085	70	69	587,362	23	578,996

TABLE A-3A

TOTAL SEWERAGE BY POPULATICN SIZE GROUP--1962 - 1967 CONTRACT AWARDS

T E N N E S S E E

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	30	2,579,641	15	821,334	2	47,345	2	38,590
UNDER 500...............	13	1,442,678	2	546,000	3	84,100	1	169,665
500-1,000...............	32	4,127,203	8	1,084,600	4	219,447	1	159,522
1,000-2,500.............	60	8,542,748	14	2,289,606	5	147,650	2	109,689
2,500-5,000.............	41	7,658,114	8	2,326,083	2	256,175	2	517,604
5,000-10,000............	43	10,244,019	5	1,702,694	0	0	6	1,857,232
10,000-25,000...........	82	19,784,046	6	4,765,307	0	0	4	1,890,682
25,000-50,000...........	24	6,275,187	2	1,989,905	0	0	1	911,229
50,000-100,000..........	0	0	0	0	0	0	0	0
100,000-250,000.........	152	54,027,737	5	2,505,973	0	0	5	8,584,976
250,000 AND OVER........	109	10,845,730	3	670,363	0	0	0	0
TOTAL...................	586	125,527,103	68	18,701,865	16	754,717	24	14,239,189

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	746,210	1	26,103	1	22,352	8	877,707
UNDER 500...............	1	100,129	0	0	0	0	6	542,784
500-1,000...............	6	319,255	1	43,384	2	108,100	10	2,192,895
1,000-2,500.............	12	1,825,653	2	25,796	6	784,477	19	3,359,877
2,500-5,000.............	6	482,005	4	628,730	3	479,806	16	2,967,711
5,000-10,000............	6	985,783	0	0	3	232,854	23	5,465,456
10,000-25,000...........	6	1,921,049	4	1,398,097	1	581,900	61	9,227,011
25,000-50,000...........	1	648,802	3	635,674	1	194,317	16	1,895,260
50,000-100,000..........	0	0	0	0	0	0	0	0
100,000-250,000.........	6	6,469,500	0	0	2	431,900	134	36,035,388
250,000 AND OVER........	7	3,737,594	8	215,400	1	683,206	90	5,539,167
TOTAL...................	52	17,235,980	23	2,973,184	20	3,518,912	383	68,103,256

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

TENNESSEE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	0	1,100	13	4	22,350	0	0
<=500	3	3	2,090	7	7	3,170	1	205
500-1000	4	4	3,450	25	21	20,265	3	2,111
1000-2500	11	10	15,645	35	33	67,640	6	9,405
2500-5000	6	5	15,100	30	22	95,875	3	9,800
5000-10000	1	1	6,200	27	22	179,315	0	0
10000-25000	4	4	59,300	14	11	198,064	0	0
25000-50000	3	2	87,000	3	2	37,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	3	1	175,430	6	1	461,870	0	0
250000-500000	0	0	0	1	0	1,000	1	497,525
>500000	0	0	0	0	0	0	0	0
TOTALS	36	30	365,315	161	123	1,086,549	14	519,046

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
TENNESSEE

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	14	16	0	4	0	1	1	1	2	1	3	0	0	3
500-1000	11	19	0	2	2	1	0	4	2	4	2	0	0	2
1000-2500	52	66	1	7	9	5	17	3	4	9	3	4	1	3
2500-5000	24	27	0	4	1	1	2	2	3	4	5	3	1	1
5000-10000	27	28	0	2	0	5	1	3	5	5	0	2	1	4
10000-25000	18	22	0	3	0	4	5	2	2	1	2	0	1	2
25000-50000	4	4	0	0	0	2	0	0	1	1	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	2	2	0	0	0	0	0	0	1	0	1	0	0	0
250000-500000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	153	185	1	22	12	19	26	15	20	26	16	9	4	15

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
TENNESSEE

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	15	18	5	6	1	1	2	0	0	0	1	1	0	1
500-1000	11	22	6	6	6	1	0	1	1	0	0	0	0	1
1000-2500	56	70	10	35	4	7	2	4	0	2	1	2	2	1
2500-5000	24	27	0	11	6	2	2	0	1	3	1	0	0	1
5000-10000	27	28	1	10	4	3	5	2	0	1	1	-0	1	0
10000-25000	19	23	1	7	4	0	2	2	1	5	1	0	0	0
25000-50000	4	4	0	1	2	0	0	1	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	2	2	0	1	0	0	1	0	0	0	0	0	0	0
250000-500000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	159	195	23	77	27	14	14	11	3	11	5	3	3	4

TABLE A-7A

T E N N E S S E E

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	1	0	0	1	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	1	0	0	1	92000
POPULATION SERVED	0	0	0	0	0	0	0	92000	0	0	0	92000
SERVED COMM./FAC.	0	0	0	0	0	0	0	1	0	0	1	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	1	0	0	1	10365
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	10365	0	0	0	10365

TABLE A-8A

TENNESSEE

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		10					1						11
< 500													
500–1000					1								1
1000–2500		1		1	5		2						9
2500–5000					2		1						3
5000–10000					3		3						6
10000–25000					1		1						2
25000–50000													
50000–100000													
100000–250000		3			1	1							1
250000–500000													
> 500000													
Total		14		1	13	1	8						33
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		2											2
1969		1											1
1970		2			1								3
1971		2			4								6
1972													
1973 or later													
Date not given		7		1	8	1	8						25
Total Projects		14		1	13	1	8						37

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

TEXAS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	45	6	65,760	0	0
<=500	13	13	4,340	15	15	4,723	0	0
500-1000	34	34	18,701	69	65	43,180	2	1,325
1000-2500	50	47	53,205	165	161	224,327	0	2,300
2500-5000	11	11	37,405	138	117	359,170	2	6,870
5000-10000	4	3	16,800	75	70	448,576	1	9,000
10000-25000	2	1	10,800	72	56	739,735	1	17,500
25000-50000	0	0	0	27	16	466,000	0	0
50000-100000	1	1	48,300	13	9	599,400	0	0
100000-250000	1	0	300	10	6	798,600	0	0
250000-500000	0	0	0	5	2	554,600	0	0
>500000	0	0	0	75	3	2,071,230	0	0
TOTALS	116	110	189,851	709	526	6,375,301	6	36,995

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

TEXAS

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE	26	1,945,358	0	0	1	10,275	4	309,852
UNDER 500	62	3,209,797	14	603,885	3	60,231	1	128,770
500-1,000	84	6,201,698	19	1,399,210	2	89,108	8	343,105
1,000-2,500	131	10,427,631	27	2,640,435	1	1,695	17	1,226,914
2,500-5,000	86	8,125,671	15	1,745,785	1	129,527	7	1,204,975
5,000-10,000	85	12,854,378	13	3,036,426	2	112,589	5	692,114
10,000-25,000	114	14,017,330	7	2,102,098	0	0	12	1,333,864
25,000-50,000	81	14,620,481	5	2,288,145	0	0	9	4,802,911
50,000-100,000	46	10,290,946	8	3,639,438	0	0	4	854,011
100,000-250,000	166	21,645,317	10	4,475,848	0	0	6	1,492,180
250,000 AND OVER	553	82,474,508	14	6,997,740	4	890,703	27	8,302,554
TOTAL	1,434	185,813,115	132	28,929,010	14	1,294,128	100	20,691,250

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE	3	181,341	1	373,233	0	0	17	1,070,657
UNDER 500	6	289,865	3	87,605	6	315,702	29	1,723,739
500-1,000	4	308,811	7	593,879	16	1,159,059	28	2,308,526
1,000-2,500	12	1,128,345	12	930,331	16	1,362,236	46	3,137,675
2,500-5,000	4	271,179	9	1,048,831	8	1,110,034	42	2,615,340
5,000-10,000	5	1,192,663	7	1,016,869	9	3,360,495	44	3,443,222
10,000-25,000	5	1,127,293	7	1,529,269	6	1,771,954	77	6,152,852
25,000-50,000	6	2,055,618	6	950,036	0	0	55	4,523,771
50,000-100,000	1	317,704	4	2,374,095	2	86,694	27	3,019,004
100,000-250,000	12	3,584,299	6	1,183,859	7	1,590,467	125	9,318,664
250,000 AND OVER	28	15,783,841	8	1,780,998	14	2,807,883	458	45,910,789
TOTAL	86	26,240,959	70	11,869,005	84	13,564,524	948	83,224,239

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

TEXAS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	2	1	2,500	69	25	611,565	0	0
<=500	11	11	3,490	31	30	14,773	1	200
500-1000	25	25	21,451	84	80	56,255	0	0
1000-2500	27	24	26,760	189	185	283,865	1	800
2500-5000	9	9	32,205	146	119	427,075	0	0
5000-10000	5	5	31,000	90	67	508,796	0	0
10000-25000	1	1	10,300	76	52	859,000	0	0
25000-50000	3	1	12,900	25	16	691,100	0	0
50000-100000	0	0	0	15	10	678,700	0	0
100000-250000	0	0	0	18	6	996,700	0	0
250000-500000	0	0	0	10	1	628,000	0	0
>500000	0	0	0	51	3	2,446,050	0	0
TOTALS	83	77	140,606	804	594	8,201,879	2	1,000

TABLE A-5A

RUN DATE 69/02/11 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
TEXAS

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	66	89	6	19	2	4	3	8	6	3	13	7	0	18
500-1000	136	152	2	43	21	11	18	9	7	16	11	0	3	11
1000-2500	220	268	28	80	30	31	14	19	10	20	8	9	3	16
2500-5000	115	141	20	49	19	21	4	3	8	6	3	3	0	5
5000-10000	78	100	8	35	16	8	8	5	5	7	4	1	0	3
10000-25000	58	69	4	27	10	4	6	6	7	1	2	1	0	1
25000-50000	12	17	3	9	3	1	0	1	0	0	0	0	0	0
50000-100000	17	19	3	5	2	6	1	1	0	0	0	0	1	0
100000-250000	9	9	4	2	1	1	0	0	0	0	1	0	0	0
250000-500000	4	4	0	1	0	0	0	0	0	0	1	1	0	1
>500000	2	2	1	0	0	1	0	0	0	0	0	0	0	0
TOTALS	717	870	79	270	104	88	54	52	43	53	43	22	7	55

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
T E X A S

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	71	95	30	53	1	1	0	2	1	1	2	0	0	4
500-1000	137	154	23	103	10	4	5	1	2	0	1	0	0	5
1000-2500	220	268	38	186	13	7	4	8	1	2	0	0	2	7
2500-5000	115	142	24	102	8	3	1	0	0	1	1	0	0	2
5000-10000	78	100	15	62	11	4	3	1	1	1	0	0	0	2
10000-25000	58	69	7	43	9	5	1	2	1	0	0	0	0	1
25000-50000	13	18	2	11	2	2	0	1	0	0	0	0	0	0
50000-100000	17	19	3	11	2	3	0	0	0	0	0	0	0	0
100000-250000	10	10	3	3	2	2	0	0	0	0	0	0	0	0
250000-500000	4	4	0	2	1	1	0	0	0	0	0	0	0	0
>500000	2	2	1	1	0	0	0	0	0	0	0	0	0	0
TOTALS	725	881	146	577	59	32	14	15	6	5	4	0	2	21

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

T E X A S

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		0	0	0	2	4	1	1	6	0	0	14	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	2	4	1	1	6	0	0	14	2125100
POPULATION SERVED		0	0	0	9200	56500	42300	100000	1917100	0	0	0	2125100
SERVED COMM./FAC.		0	0	0	2	3	1	2	18	0	0	26	0
BELOW 500	1*	0	0	0	0	0	0	0	2	0	0	2	400
500 - 999	2*	0	0	0	0	1	0	1	0	0	0	2	1320
1000 - 4999	3*	0	0	0	1	1	1	1	6	0	0	10	15030
5000 - 9999	4*	0	0	0	1	1	0	0	3	0	0	5	35535
10000 - 24999	5*	0	0	0	0	0	0	0	4	0	0	4	47460
25000 - 49999	6*	0	0	0	0	0	0	0	3	0	0	3	112500
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	7000	8855	2000	2230	192160	0	0	0	212245

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

UTAH

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	8	5	241,100	0	0
<=500	10	9	2,640	1	1	350	2	520
500-1000	0	0	0	1	1	755	7	4,065
1000-2500	7	7	10,350	5	5	8,440	7	5,790
2500-5000	2	2	7,180	8	8	27,290	0	0
5000-10000	0	0	0	8	7	63,860	2	12,030
10000-25000	0	0	0	4	3	63,080	1	18,730
25000-50000	0	0	0	1	1	40,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	1	189,455
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	19	18	20,170	36	31	444,875	20	230,590

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

U T A H

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	0	0
UNDER 500................	1	13,886	0	0	0	0	1	13,886
500-1,000................	2	320,843	0	0	0	0	0	0
1,000-2,500..............	16	1,836,218	3	645,879	1	99,684	1	294,792
2,500-5,000..............	10	1,588,114	1	51,954	0	0	2	284,018
5,000-10,000.............	18	1,568,487	1	347,169	0	0	5	440,967
10,000-25,000............	10	2,361,920	0	0	1	769,956	3	330,460
25,000-50,000............	1	17,237	0	0	0	0	1	17,237
50,000-100,000...........	4	468,652	0	0	0	0	0	0
100,000-250,000..........	24	11,408,961	3	6,653,516	0	0	5	979,475
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	86	19,584,318	8	7,698,518	2	869,640	18	2,360,835

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	0	0
UNDER 500................	0	0	0	0	0	0	0	0
500-1,000................	0	0	0	0	1	121,952	1	198,891
1,000-2,500..............	2	81,384	2	74,320	4	299,654	3	340,505
2,500-5,000..............	0	0	3	272,500	1	582,885	3	396,757
5,000-10,000.............	3	182,498	3	238,918	3	171,156	3	187,779
10,000-25,000............	2	853,567	1	182,118	1	86,433	2	139,386
25,000-50,000............	0	0	0	0	0	0	0	0
50,000-100,000...........	0	0	3	415,913	0	0	1	52,739
100,000-250,000..........	0	0	4	1,511,298	0	0	12	2,264,672
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	7	1,117,449	16	2,695,067	10	1,262,080	25	3,580,729

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

UTAH

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	9	6	273,910	0	0
<=500	7	7	1,920	0	0	0	5	650
500-1000	2	2	1,220	4	4	2,345	6	2,840
1000-2500	6	6	6,510	10	10	17,420	4	2,470
2500-5000	2	2	8,700	7	7	26,080	0	0
5000-10000	1	1	6,345	7	6	79,190	2	11,930
10000-25000	0	0	0	4	3	71,140	0	0
25000-50000	0	0	0	1	1	55,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	1	1	198,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	18	18	24,695	43	38	723,085	17	17,890

TABLE A-5A

RUN DATE 69/02/11 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
U T A H

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	2	2	1	0	0	0	0	0	1	0	0	0	0	0
500-1000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
1000-2500	10	10	1	2	0	1	1	0	0	3	1	0	0	1
2500-5000	8	9	1	1	2	0	1	1	0	0	1	0	0	2
5000-10000	9	9	0	0	0	1	1	2	1	1	2	0	0	1
10000-25000	8	8	0	1	0	1	0	0	1	2	0	2	0	1
25000-50000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
50000-100000	4	4	0	0	0	0	0	1	1	1	0	0	0	1
100000-250000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	45	46	3	5	2	3	4	5	4	8	4	2	0	6

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
U T A H

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	9	9	7	2	0	0	0	0	0	0	0	0	0	0
500-1000	5	5	4	0	0	1	0	0	0	0	0	0	0	0
1000-2500	13	13	4	3	2	1	0	1	2	0	0	0	0	0
2500-5000	8	9	2	3	1	0	1	0	2	0	0	0	0	0
5000-10000	9	9	0	1	3	0	1	1	1	1	1	0	0	0
10000-25000	8	8	0	2	2	1	1	0	1	0	1	0	0	0
25000-50000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
50000-100000	4	4	0	0	1	1	0	0	1	0	0	1	0	0
100000-250000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
TOTALS	59	60	17	12	10	4	3	3	7	1	2	1	0	0

RUN DATE 68/12/17

TABLE A-7A

PRELIMINARY

U T A H

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	1	2	1	1	2	0	0	0	7	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	1	2	1	1	2	0	0	0	7	233100
POPULATION SERVED		0	0	4600	18500	20000	35000	155000	0	0	0	0	233100
SERVED COMM./FAC.		0	0	3	3	4	8	6	0	0	0	24	0
BELOW 500	1*	0	0	1	0	0	1	0	0	0	0	2	545
500 - 999	2*	0	0	0	0	1	1	0	0	0	0	2	1100
1000 - 4999	3*	0	0	2	3	2	3	3	0	0	0	13	28370
5000 - 9999	4*	0	0	0	0	0	3	2	0	0	0	5	41910
10000 - 24999	5*	0	0	0	0	1	0	0	0	0	0	1	17000
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	1	0	0	0	1	70000
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	4600	8600	20000	35430	90295	0	0	0	0	158925

TABLE A-8A

UTAH

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		1						1					2
< 500		3											3
500–1000		3			1								4
1000–2500		2		1					1				4
2500–5000					2								2
5000–10000					3								3
10000–25000					1								1
25000–50000					1								1
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total		9		1	8			1	1				20
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968													
1969													
1970													
1971													
1972													
1973 or later													
Date not given		9		1	8			1	1				20
Total Projects		9		1	8			1	1				20

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

VERMONT

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	2	2	2,500	0	0	0	1	500
<=500	3	3	1,005	0	0	0	3	1,200
500-1000	0	0	0	0	0	0	5	2,625
1000-2500	3	2	6,310	0	0	0	16	22,580
2500-5000	0	0	0	0	0	0	4	15,350
5000-10000	1	1	8,000	1	1	8,500	4	32,000
10000-25000	2	2	20,387	0	0	0	2	28,000
25000-50000	2	1	28,200	0	0	0	0	9,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	13	11	66,402	1	1	8,500	35	111,255

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

V E R M O N T

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	1	17,467	0	0	0	0	1	17,467
UNDER 500................	17	3,272,146	4	778,543	1	409,430	0	0
500-1,000................	8	1,438,171	4	704,910	0	0	0	0
1,000-2,500..............	10	2,936,749	4	1,734,169	0	0	0	0
2,500-5,000..............	11	4,051,413	3	1,372,740	0	0	0	0
5,000-10,000.............	14	5,695,188	3	1,395,541	0	0	2	1,164,825
10,000-25,000............	10	2,852,519	2	1,293,903	0	0	0	0
25,000-50,000............	7	739,383	1	442,470	0	0	0	0
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	78	21,003,036	21	7,722,276	1	409,430	3	1,182,292

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	0	0
UNDER 500................	5	1,419,819	0	0	2	399,136	5	265,218
500-1,000................	2	323,938	0	0	1	136,745	1	272,578
1,000-2,500..............	4	1,052,175	0	0	0	0	2	150,405
2,500-5,000..............	5	1,814,200	0	0	3	864,473	0	0
5,000-10,000.............	6	1,864,843	0	0	1	27,450	2	1,242,529
10,000-25,000............	5	1,006,101	1	427,275	0	0	2	125,240
25,000-50,000............	4	223,577	0	0	0	0	2	73,336
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	31	7,704,653	1	427,275	7	1,427,804	14	2,129,306

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

VERMONT

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	500	0	0	0	1	1,100
<=500	3	3	3,420	0	0	0	12	4,890
500-1000	2	1	480	1	1	650	17	6,955
1000-2500	7	5	9,770	5	5	5,750	23	22,245
2500-5000	3	3	10,800	0	0	0	1	2,500
5000-10000	8	7	42,000	1	1	9,000	0	10,000
10000-25000	4	4	46,110	0	0	0	0	0
25000-50000	3	1	34,400	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	31	25	147,480	7	7	15,400	54	47,690

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
VERMONT

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	5	0	2	0	0	0	0	1	0	0	1	0	1
500-1000	4	5	0	0	1	0	0	0	0	1	0	2	1	0
1000-2500	8	8	0	0	2	1	0	1	2	0	1	0	1	0
2500-5000	5	6	0	0	1	0	0	0	0	1	0	0	2	2
5000-10000	8	10	0	0	1	0	0	1	0	3	3	0	0	2
10000-25000	3	3	0	0	0	0	1	0	0	1	1	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	33	37	0	2	5	1	1	2	3	6	5	3	4	5

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
VERMONT

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	6	6	0	4	0	0	0	0	0	0	0	1	0	1
500-1000	4	5	1	2	0	0	0	1	0	0	0	1	0	0
1000-2500	8	8	1	3	0	0	0	1	2	1	0	0	0	0
2500-5000	5	6	0	1	2	0	1	1	0	1	0	0	0	0
5000-10000	8	10	0	3	0	2	3	0	0	0	1	0	0	1
10000-25000	3	3	0	0	0	0	0	1	1	0	0	1	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	34	38	2	13	2	2	4	4	3	2	1	3	0	2

TABLE A-7A

VERMONT

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	1	0	0	0	0	0	0	0	1	0
NO TREATMENT	0	0	1	0	0	0	0	0	0	0	1	2500
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	2500	0	0	0	0	0	0	0	0	2500
SERVED COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

VIRGINIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	5	3	308,300	15	7	30,660	1	1,500
<=500	9	9	2,271	13	12	2,259	12	3,375
500-1000	14	14	9,518	11	10	6,778	15	11,151
1000-2500	16	14	21,222	23	22	35,552	16	26,006
2500-5000	7	7	17,660	14	13	40,945	6	16,040
5000-10000	9	9	62,385	7	6	49,750	1	5,500
10000-25000	3	3	41,660	16	8	158,282	1	20,400
25000-50000	2	2	82,000	2	1	29,427	0	0
50000-100000	1	1	55,000	2	2	200,000	0	0
100000-250000	2	2	280,000	0	0	0	1	185,000
250000-500000	1	1	200,000	3	0	17,400	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	69	65	1,080,016	106	81	571,053	53	268,972

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS VIRGINIA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	27	1,728,531	5	540,142	1	11,933	4	255,698
UNDER 500................	26	2,703,468	4	1,005,189	4	167,343	0	0
500-1,000................	33	3,231,646	5	650,078	7	504,936	2	61,900
1,000-2,500..............	42	6,573,782	7	1,370,635	4	212,519	4	919,845
2,500-5,000..............	42	7,319,753	5	1,840,886	3	601,223	2	377,748
5,000-10,000.............	55	10,404,779	2	3,735,738	5	435,754	0	0
10,000-25,000............	53	10,296,310	1	190,000	4	152,321	2	1,000,357
25,000-50,000............	24	3,034,122	3	739,249	1	32,500	0	0
50,000-100,000...........	254	21,046,775	7	3,450,619	6	645,248	4	669,662
100,000-250,000..........	137	25,669,771	2	2,237,425	0	0	6	6,072,861
250,000 AND OVER.........	143	22,664,497	3	8,006,487	0	0	3	1,172,381
TOTAL....................	836	114,673,434	44	23,766,448	35	2,763,777	27	10,530,452

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	1	24,900	0	0	3	64,609	13	831,249
UNDER 500................	1	66,684	1	39,500	5	526,431	11	898,321
500-1,000................	8	882,574	1	5,900	3	213,957	7	912,301
1,000-2,500..............	9	1,485,838	0	0	6	296,962	12	2,287,983
2,500-5,000..............	8	1,187,567	0	0	7	1,182,323	17	2,130,006
5,000-10,000.............	10	1,515,189	2	835,280	10	1,303,801	25	2,579,017
10,000-25,000............	15	5,066,135	1	50,000	6	872,600	24	2,964,897
25,000-50,000............	4	540,587	0	0	0	0	16	1,721,786
50,000-100,000...........	22	4,185,889	2	43,382	14	789,744	199	11,262,231
100,000-250,000..........	22	7,406,032	1	99,926	20	2,681,206	86	7,172,321
250,000 AND OVER.........	15	4,653,150	1	101,583	10	376,628	111	8,354,268
TOTAL....................	115	27,014,545	9	1,175,571	84	8,308,261	522	41,114,380

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

VIRGINIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	7	1	615,600	66	30	136,590	0	0
<=500	8	8	3,010	15	13	15,485	7	3,895
500-1000	13	13	10,085	23	19	18,325	8	4,055
1000-2500	16	15	24,619	27	24	46,427	6	10,551
2500-5000	5	6	14,545	22	17	72,235	0	0
5000-10000	10	8	59,010	18	9	101,725	0	0
10000-25000	4	3	48,785	8	8	142,000	0	240
25000-50000	1	1	48,000	3	2	77,000	0	0
50000-100000	1	1	55,000	0	0	0	0	0
100000-250000	3	2	376,550	2	2	291,023	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	68	58	1,255,204	184	124	900,810	21	18,741

TABLE A-5A

RUN DATE 69/02/11

1968 MUNICIPAL WASTE INVENTORY
VIRGINIA

PRELIMINARY

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	32	48	3	6	3	3	4	2	4	6	1	3	3	10
500-1000	34	43	0	7	3	10	6	3	3	3	3	0	0	5
1000-2500	46	60	0	10	7	14	6	9	1	5	2	2	1	3
2500-5000	30	39	0	8	9	5	6	1	3	1	2	1	1	2
5000-10000	19	22	1	6	5	3	3	0	2	2	0	0	0	0
10000-25000	15	19	0	1	3	3	2	2	1	3	3	1	0	0
25000-50000	4	4	0	1	0	0	1	0	1	0	0	0	0	1
50000-100000	4	4	1	0	0	0	0	1	2	0	0	0	0	0
100000-250000	3	4	0	2	2	0	0	0	0	0	0	0	0	0
250000-500000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	188	244	5	41	32	38	28	18	17	21	11	7	5	21

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
VIRGINIA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	33	49	6	13	5	1	2	1	4	4	0	3	1	9
500-1000	34	43	9	11	2	6	3	2	3	2	1	0	0	4
1000-2500	46	60	4	25	8	7	3	4	1	3	1	1	0	3
2500-5000	30	39	1	18	5	8	4	1	0	0	0	1	1	0
5000-10000	19	22	5	9	3	2	0	1	1	1	0	0	0	0
10000-25000	15	19	0	8	4	4	2	0	1	0	0	0	0	0
25000-50000	4	4	0	4	0	0	0	0	0	0	0	0	0	0
50000-100000	4	4	1	1	0	1	0	0	0	1	0	0	0	0
100000-250000	3	4	0	4	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	189	245	26	94	27	29	14	9	10	11	2	5	2	16

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

VIRGINIA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	1	0	1	0	1	0	3	0	0	6	0
NO TREATMENT		0	1	0	0	0	0	0	0	0	0	1	600
PRIMARY		0	0	0	1	0	1	0	3	0	0	5	522000
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	600	0	5000	0	37000	0	480000	0	0	0	522600
SERVED COMM./FAC.		0	0	1	0	1	1	1	6	0	0	10	0
BELOW 500	1*	0	0	0	0	0	0	0	1	0	0	1	160
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	1	0	1	1	0	1	0	0	4	13785
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	3	0	0	3	45190
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	1	0	0	1	72000
100000 - 249999	8*	0	0	0	0	0	0	1	0	0	0	1	78000
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	3660	0	5000	3000	78000	119475	0	0	0	209135

TABLE A-8A

VIRGINIA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	2	4				7	2		1				13
< 500		1	2	2		2	3		1				7
500–1000	1				1	2	2						5
1000–2500		1	2	1		2	1						6
2500–5000				1	1	3	2						6
5000–10000			1	1	2	1							5
10000–25000			2			1	2						5
25000–50000			1										1
50000–100000							1						1
100000–250000		1	1			2							3
250000–500000						1							1
> 500000													
Total	3	7	9	5	4	21	13		2				53
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968			1										1
1969			1										1
1970				1									1
1971													
1972	2	1	1	4	2								10
1973 or later													
Date not given	1	6	6		2	21	13		2				51
Total Projects	3	7	9	5	4	21	13		2				64

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

VIRGIN ISLANDS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	NO. OF COMMUNI-TIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	1	3,215
2500-5000	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	1	7,553
10000-25000	0	0	0	0	0	0	1	21,000
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	3	31,768

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

VIRGIN ISLANDS

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

VIRGIN ISLANDS

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

WASHINGTON

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	4	4	30,200	10	10	22,980	1	150
<=500	13	11	3,145	15	15	4,290	8	1,525
500-1000	19	17	11,770	17	16	26,745	11	6,250
1000-2500	20	18	29,585	25	24	34,930	9	12,050
2500-5000	7	5	19,025	20	20	53,655	1	3,100
5000-10000	7	7	57,700	7	7	48,400	2	12,000
10000-25000	8	8	121,000	6	6	103,300	1	11,800
25000-50000	5	4	145,000	2	1	41,000	0	700
50000-100000	0	0	0	0	0	0	0	0
100000-250000	2	2	210,000	0	0	0	0	60,000
250000-500000	0	0	0	0	0	0	0	0
>500000	3	1	71,000	2	0	53,730	0	433,300
TOTALS	88	77	698,425	104	99	389,030	33	540,875

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

W A S H I N G T O N

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE	31	2,346,299	0	0	1	160,226	2	26,307
UNDER 500	20	2,349,642	4	307,002	6	212,139	0	0
500-1,000	17	1,302,937	3	228,150	3	52,248	1	114,342
1,000-2,500	91	17,485,352	8	1,678,064	2	286,218	4	208,101
2,500-5,000	55	7,233,835	4	1,209,678	4	716,240	8	1,204,251
5,000-10,000	80	15,201,888	3	567,343	1	348,800	4	778,827
10,000-25,000	149	34,882,109	2	9,554,373	1	128,474	9	816,427
25,000-50,000	57	7,177,081	0	0	0	0	4	1,457,913
50,000-100,000	0	0	0	0	0	0	0	0
100,000-250,000	83	6,647,682	2	2,302,530	1	2,808	2	77,574
250,000 AND OVER	167	78,102,036	2	12,513,000	1	95,230	14	1,638,122
TOTAL	750	172,728,861	28	28,360,140	20	2,002,383	48	6,321,864

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE	2	388,500	0	0	3	435,600	23	1,335,666
UNDER 500	2	135,463	1	14,825	1	80,625	6	1,599,588
500-1,000	1	194,690	1	13,098	1	154,014	7	546,395
1,000-2,500	10	5,120,731	3	462,457	4	326,745	60	9,403,036
2,500-5,000	5	455,174	4	444,302	7	939,113	23	2,265,077
5,000-10,000	6	1,371,897	3	276,888	10	1,559,776	53	10,298,357
10,000-25,000	19	12,535,933	2	259,235	14	1,102,049	102	10,485,618
25,000-50,000	10	2,173,851	0	0	4	492,514	39	3,052,803
50,000-100,000	0	0	0	0	0	0	0	0
100,000-250,000	2	430,737	1	70,557	0	0	75	3,763,476
250,000 AND OVER	27	40,504,521	3	1,920,872	17	7,737,612	103	13,692,679
TOTAL	84	63,311,497	18	3,462,234	61	12,828,048	491	56,442,695

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

WASHINGTON

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	8	4	172,500	8	5	142,660	1	450
<=500	15	10	427,712	21	21	5,864	2	450
500-1000	12	12	9,025	28	28	23,120	5	2,930
1000-2500	19	18	32,450	29	28	41,555	4	4,715
2500-5000	7	6	18,715	22	21	70,355	0	0
5000-10000	9	9	79,700	5	5	33,490	1	5,000
10000-25000	7	7	119,100	7	7	134,370	0	0
25000-50000	4	3	115,000	2	2	86,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	1	1	184,500	1	1	90,000	0	60,000
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	82	70	1,158,702	123	118	627,414	13	73,545

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WASHINGTON

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	14	15	1	4	2	2	1	2	1	0	1	0	0	1
500-1000	23	25	1	3	0	2	3	2	2	6	2	1	1	2
1000-2500	51	51	2	6	4	5	5	9	5	2	3	3	1	6
2500-5000	22	23	1	4	1	1	3	2	0	6	1	0	2	2
5000-10000	12	12	0	1	1	1	1	1	1	1	4	0	0	1
10000-25000	15	17	2	2	1	0	1	1	3	2	3	1	0	1
25000-50000	6	7	0	0	0	2	1	1	0	2	0	1	0	0
50000-100000	2	3	0	0	0	1	1	0	0	0	1	0	0	0
100000-250000	2	2	0	0	0	0	0	0	0	2	0	0	0	0
250000-500000	1	1	0	0	0	0	0	0	0	0	0	1	0	0
>500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
TOTALS	149	157	7	21	9	14	16	18	12	21	15	7	4	13

TABLE A-6A

RUN DATE 69/02/10

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WASHINGTON

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	29	30	22	4	2	1	0	0	0	0	1	0	0	0
500-1000	32	35	24	3	2	1	0	1	2	1	0	1	0	0
1000-2500	59	60	21	13	6	7	1	2	1	4	0	0	2	3
2500-5000	24	26	4	6	8	1	2	1	0	2	1	0	0	1
5000-10000	14	14	1	4	2	1	1	1	1	0	0	0	2	1
10000-25000	15	18	3	5	3	1	1	1	2	2	0	0	0	0
25000-50000	7	8	2	2	1	1	1	0	0	1	0	0	0	0
50000-100000	3	4	0	1	0	1	1	0	1	0	0	0	0	0
100000-250000	2	2	0	0	0	1	1	0	0	0	0	0	0	0
250000-500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
>500000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
TOTALS	187	199	78	38	24	15	9	6	7	10	2	1	4	5

TABLE A-7A

W A S H I N G T O N

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	1	2	3	0	0	1	0	0	7	0
NO TREATMENT		0	0	1	0	0	0	0	0	0	0	1	1000
PRIMARY		0	0	0	1	1	0	0	1	0	0	3	127000
SECONDARY		0	0	0	1	2	0	0	0	0	0	3	49700
POPULATION SERVED		0	0	1000	27700	59000	0	0	90000	0	0	0	177700
SERVED COMM./FAC.		0	0	1	2	9	0	0	1	0	0	13	0
BELOW 500	1*	0	0	1	0	2	0	0	0	0	0	3	1050
500 - 999	2*	0	0	0	0	1	0	0	0	0	0	1	765
1000 - 4999	3*	0	0	0	1	4	0	0	1	0	0	6	19590
5000 - 9999	4*	0	0	0	1	0	0	0	0	0	0	1	10000
10000 - 24999	5*	0	0	0	0	2	0	0	0	0	0	2	24810
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	300	12420	39995	0	0	3500	0	0	0	56215

TABLE A-8A

WASHINGTON

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown	1	2	2		2	1	7	6					9
< 500			2		1		5	3					5
500–1000		3	4		3	1	7	6					11
1000–2500	1	1	6		2	2	14	10					14
2500–5000			2		4		6	4					9
5000–10000	1		4	1		2	7	4	1				8
10000–25000			4		1	1	7	3					7
25000–50000			3		1		4	3					3
50000–100000						1							1
100000–250000			1			2	3	2					2
250000–500000													
> 500000						3							1
Total	3	6	28	1	14	13	60	41	1				70
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968	1				2	4	4	4	1				16
1969	1	2	5	1	3	3	15	10					40
1970	1	4	16		5	5	28	21					80
1971			1		2		5	2					10
1972			4		2	1	8	3					18
1973 or later													
Date not given		2						1					3
Total Projects	3	6	28	1	14	13	60	41	1				167

TABLE A-2A

RUN DATE 68/12/17 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

WEST VIRGINIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	1	1	345	1	1	325	17	6,768
500-1000	2	2	975	2	2	900	30	19,847
1000-2500	11	11	13,975	3	3	4,100	51	69,115
2500-5000	7	7	20,700	1	1	1,800	16	43,775
5000-10000	5	5	31,300	2	2	15,135	7	39,481
10000-25000	4	3	44,640	4	3	45,000	2	34,000
25000-50000	1	1	40,000	1	1	25,000	2	45,000
50000-100000	1	1	50,000	0	0	0	2	174,000
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	32	31	201,935	14	13	92,260	127	431,986

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS WEST VIRGINIA

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	3	173,158	2	126,402	0	0	0	0
UNDER 500................	3	1,687,329	1	390,146	0	0	0	0
500-1,000................	33	2,889,196	6	631,925	7	239,673	0	0
1,000-2,500..............	76	8,041,590	19	2,800,201	5	334,376	2	319,002
2,500-5,000..............	27	4,258,684	7	1,428,094	0	0	0	0
5,000-10,000.............	13	2,135,697	2	561,129	0	0	0	0
10,000-25,000............	18	7,701,171	3	3,451,443	0	0	2	1,113,679
25,000-50,000............	14	1,202,313	1	11,600	0	0	0	0
50,000-100,000...........	38	11,091,263	1	2,364,310	0	0	1	556,087
100,000-250,000..........	1	189,000	0	0	0	0	0	0
250,000 AND OVER.........	5	1,550,473	2	389,933	0	0	0	0
TOTAL....................	231	40,919,874	44	12,155,183	12	574,049	5	1,988,768

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	1	46,756
UNDER 500................	1	195,541	0	0	0	0	1	1,101,642
500-1,000................	6	1,282,594	0	0	6	208,708	8	526,296
1,000-2,500..............	24	2,767,855	0	0	7	448,989	19	1,371,167
2,500-5,000..............	8	1,562,273	0	0	6	978,348	6	289,969
5,000-10,000.............	2	625,485	0	0	2	531,374	7	417,709
10,000-25,000............	3	1,150,820	0	0	1	248,598	9	1,736,631
25,000-50,000............	1	46,148	0	0	1	72,701	11	1,071,864
50,000-100,000...........	13	3,416,804	0	0	7	2,582,126	16	2,171,936
100,000-250,000..........	0	0	0	0	0	0	1	189,000
250,000 AND OVER.........	2	999,330	0	0	0	0	1	161,210
TOTAL....................	60	12,046,850	0	0	30	5,070,844	80	9,084,180

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

WEST VIRGINIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	9	6	17,500	0	0
<=500	1	1	345	1	1	325	17	6,770
500-1000	5	4	4,390	14	14	11,620	22	14,467
1000-2500	18	18	34,975	20	19	31,245	26	33,670
2500-5000	10	10	37,375	8	8	25,500	5	12,575
5000-10000	9	8	54,950	3	3	25,978	3	18,781
10000-25000	7	5	107,040	4	3	53,180	0	0
25000-50000	2	2	71,000	0	0	0	2	48,000
50000-100000	3	3	229,200	0	0	0	0	40,000
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	55	51	538,275	59	54	165,348	75	174,263

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WEST VIRGINIA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	2	3	0	0	0	0	0	0	0	0	0	1	0	2
500-1000	10	10	0	0	0	0	1	2	1	2	0	0	2	2
1000-2500	31	34	1	4	3	7	4	0	4	5	1	2	0	3
2500-5000	20	20	0	5	1	0	4	3	2	4	0	0	1	0
5000-10000	11	11	0	1	1	2	2	2	0	1	1	1	0	0
10000-25000	6	7	0	0	1	1	0	2	0	1	0	1	0	1
25000-50000	3	3	0	0	1	1	0	0	1	0	0	0	0	0
50000-100000	3	3	0	0	0	1	0	0	0	0	1	0	1	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	86	91	1	10	7	12	11	9	8	13	3	5	4	8

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WEST VIRGINIA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	2	3	0	1	0	0	0	0	0	0	0	1	0	1
500-1000	11	11	0	2	3	1	2	1	0	0	1	0	1	0
1000-2500	33	36	10	9	3	6	2	1	1	2	1	0	0	1
2500-5000	22	23	5	11	2	2	0	0	2	1	0	0	0	0
5000-10000	14	14	2	10	2	0	0	0	0	0	0	0	0	0
10000-25000	7	8	0	2	1	3	2	0	0	0	0	0	0	0
25000-50000	3	3	0	2	1	0	0	0	0	0	0	0	0	0
50000-100000	3	3	0	1	0	1	1	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	95	101	17	38	12	13	7	2	3	3	2	1	1	2

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

WEST VIRGINIA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	2	0	0	0	0	0	2	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	1	0	0	0	0	0	1	9320
SECONDARY	0	0	0	0	1	0	0	0	0	0	1	18500
POPULATION SERVED	0	0	0	0	27820	0	0	0	0	0	0	27820

		1	2	3	4	5	6	7	8	9	0	COM./FAC.	POPULATION SERVED
SERVED COMM./FAC.		0	0	1	0	1	0	0	0	0	0	2	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	1	0	1	0	0	0	0	0	2	3700
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	3000	0	700	0	0	0	0	0	0	3700

TABLE A-8A

WEST VIRGINIA

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF COMMUNITIES
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	
Unknown		14	1		6		1						19
< 500		14	1		1								16
500–1000		17	4		5								25
1000–2500		15	15		4	2							36
2500–5000		5	9		2								16
5000–10000		3	8										10
10000–25000			6				1						6
25000–50000		2	1										3
50000–100000			3										3
100000–250000													
250000–500000													
> 500000													
Total		70	48		18	2	2						134
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968			1		1		1						3
1969		5	3				1						9
1970		3	1										4
1971		40	16		10								66
1972													
1973 or later		22	27		7	2							58
Date not given													
Total Projects		70	48		18	2	2						140

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

WISCONSIN

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	5	4	1,056,490	0	0
<=500	20	20	6,205	31	31	10,798	1	150
500-1000	34	33	23,245	73	72	191,695	3	2,585
1000-2500	31	29	42,410	85	85	129,207	1	425
2500-5000	9	8	25,523	35	35	126,321	1	4,110
5000-10000	3	3	17,685	28	27	184,484	0	0
10000-25000	8	8	121,420	7	7	92,205	0	0
25000-50000	8	8	323,832	4	4	142,625	0	0
50000-100000	2	2	163,000	2	0	3,400	0	500
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	115	111	723,320	270	265	1,937,225	6	7,770

TABLE A-3A

TOTAL SEWERAGE BY POPULATICN SIZE GROUP--1962 - 1967 CONTRACT AWARDS

W I S C O N S I N

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE	16	497,179	1	21.000	0	0	1	155,290
UNDER 500	110	8,814,604	25	1,899.744	13	402,012	2	196,575
500-1.000	74	5,335,835	9	1,080.701	12	396.237	4	226,830
1.000-2.500	103	6,849,836	10	1,739,625	1	13,984	11	1.253.208
2.500-5.000	99	9,448,769	2	747.046	0	0	15	2,848,018
5.000-10.000	152	17,067,334	5	5,179,278	1	18,149	11	1,635,043
10.000-25.000	147	17,489,980	2	203,735	2	39,510	17	4,541,937
25.000-50.000	158	14,501,399	1	73,017	2	87,150	14	5,702,910
50.000-100,000	138	16,832,806	1	2,430	0	0	3	2,633,078
100,000-250,000	81	9,171,318	0	0	0	0	3	2,420,266
250,000 AND OVER	312	74,301,111	0	0	0	0	3	100,172
TOTAL	1,390	180,310,171	56	10,946,576	31	957,042	84	21,713,327

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE	0	0	2	51,071	1	26,279	11	243,539
UNDER 500	5	237,306	5	89,851	5	119,400	55	5,869,716
500-1,000	6	280,283	3	90,338	9	465,654	31	2,795,792
1,000-2,500	10	595,418	1	29,415	3	138,949	67	3,079,237
2,500-5,000	7	3,214,131	1	1,675	3	207,309	71	2,430,590
5,000-10,000	13	4,164,009	1	64,546	3	288,759	118	5,717,550
10,000-25,000	4	1,206,121	2	100,566	2	32,800	118	11,365,311
25,000-50,000	6	3,244,537	1	6,051	2	50,564	132	5,337,170
50,000-100,000	8	3,017,256	0	0	3	3,534,193	123	7,645,849
100,000-250,000	9	3,100,669	1	36,804	2	1,012,756	66	2,600,823
250,000 AND OVER	29	43,585,436	1	1,720,000	0	0	279	28,895,503
TOTAL	97	62,645,166	18	2,190,317	33	5,876,663	1,071	75,981,080

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

WISCONSIN

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	4	3	1,104,480	0	0
<=500	20	20	6,807	57	57	21,176	1	150
500-1000	36	35	25,985	89	87	262,963	1	880
1000-2500	20	19	30,645	97	97	145,455	1	1,020
2500-5000	8	7	26,743	39	39	142,926	0	0
5000-10000	6	6	31,985	29	29	192,159	0	0
10000-25000	5	5	68,515	10	10	156,560	0	0
25000-50000	6	6	248,535	6	6	227,080	0	0
50000-100000	0	0	0	4	2	168,350	0	500
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	101	98	439,215	335	330	2,421,049	3	2,550

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WISCONSIN

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	88	89	3	7	9	15	9	14	7	12	4	1	0	8
500-1000	119	119	4	25	14	16	18	10	11	9	3	2	4	3
1000-2500	108	108	2	22	11	17	11	11	13	8	4	6	2	1
2500-5000	47	47	1	5	7	7	9	2	3	9	0	1	2	1
5000-10000	34	34	0	6	3	5	1	12	2	3	2	0	0	0
10000-25000	14	14	1	1	1	0	2	2	2	2	1	1	1	0
25000-50000	10	10	0	0	1	1	2	1	0	2	1	1	0	1
50000-100000	6	6	0	0	0	0	0	1	1	2	1	1	0	0
100000-250000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	428	429	11	66	46	61	54	53	39	47	16	13	9	14

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WISCONSIN

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	91	93	14	33	9	9	4	5	3	8	1	0	0	7
500-1000	122	122	16	46	13	13	13	5	3	7	1	2	1	2
1000-2500	108	108	5	45	18	9	5	4	1	7	6	1	4	3
2500-5000	47	47	1	18	7	6	4	4	4	3	0	0	0	0
5000-10000	34	34	0	12	8	5	5	0	2	1	0	1	0	0
10000-25000	14	14	0	1	2	5	1	1	1	1	0	1	1	0
25000-50000	10	10	1	1	0	1	4	0	1	1	1	0	0	0
50000-100000	6	6	1	0	0	0	0	1	2	2	0	0	0	0
100000-250000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
TOTALS	434	436	38	156	58	48	36	20	18	30	9	5	6	12

TABLE A-7A

WISCONSIN

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	8	2	4	2	3	2	0	0	21	0
NO TREATMENT		0	0	1	0	0	0	0	0	0	0	1	4110
PRIMARY		0	0	2	0	3	2	2	0	0	0	9	311642
SECONDARY		0	0	5	2	1	0	1	2	0	0	11	1243002
POPULATION SERVED		0	0	22397	13540	70905	89682	251280	1110950	0	0	0	1558754
SERVED COMM./FAC.		1	0	8	2	5	5	8	24	0	0	53	0
BELOW 500	1*	1	0	2	0	1	0	1	1	0	0	6	1485
500 - 999	2*	0	0	2	1	1	0	0	1	0	0	5	2949
1000 - 4999	3*	0	0	4	1	2	5	4	7	0	0	23	43980
5000 - 9999	4*	0	0	0	0	0	0	1	4	0	0	5	37360
10000 - 24999	5*	0	0	0	0	1	0	1	7	0	0	9	101492
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	1	2	0	0	3	184480
100000 - 249999	8*	0	0	0	0	0	0	0	1	0	0	1	126385
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	1	0	0	1	740000
POPULATION SERVED		205	0	7295	780	15241	10397	92438	1111775	0	0	0	1238131

TABLE A-8A

WISCONSIN

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	COMMUNITIES
Unknown							2						2
< 500							1						1
500–1000			6				5						10
1000–2500			4				6						10
2500–5000							4						4
5000–10000			2				3						5
10000–25000							2						2
25000–50000			2		1		1						4
50000–100000													
100000–250000													
250000–500000													
> 500000							1						1
Total			14		1		25						39
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968							22						22
1969			3										3
1970			11				3						14
1971													
1972													
1973 or later													
Date not given					1								1
Total Projects			14		1		25						40

TABLE A-2A

RUN DATE 68/12/17

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

WYOMING

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	1	1	125	18	18	4,710	7	1,760
500-1000	3	3	1,450	8	8	5,910	1	545
1000-2500	1	1	1,440	11	11	17,180	2	3,530
2500-5000	2	2	9,000	8	8	31,475	1	3,500
5000-10000	0	0	0	3	3	19,645	0	0
10000-25000	1	1	11,500	2	2	28,000	0	0
25000-50000	1	1	39,000	1	1	43,505	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	9	9	62,515	51	51	150,425	11	9,335

TABLE A-3A

TOTAL SEWERAGE BY POPULATION SIZE GROUP--1962 - 1967 CONTRACT AWARDS

WYOMING

POPULATION SIZE GROUP	NUMBER	TOTAL	NUMBER	NEW PLANTS	NUMBER	LAGOONS	NUMBER	REPL.& ADDS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	0	0
UNDER 500................	2	25,771	0	0	0	0	0	0
500-1,000................	1	45,563	0	0	0	0	0	0
1,000-2,500..............	3	248,284	1	172,580	0	0	0	0
2,500-5,000..............	3	134,540	0	0	0	0	0	0
5,000-10,000.............	0	0	0	0	0	0	0	0
10,000-25,000............	4	950,341	0	0	0	0	1	729,200
25,000-50,000............	4	148,544	0	0	0	0	2	72,660
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	17	1,553,043	1	172,580	0	0	3	801,860

POPULATION SIZE GROUP	NUMBER	INTERCEPTORS	NUMBER	OUTFALL	NUMBER	MISCELLANEOUS	NUMBER	SEWERS
UNKNOWN POPULATION SIZE..	0	0	0	0	0	0	0	0
UNDER 500................	0	0	0	0	2	25,771	0	0
500-1,000................	0	0	0	0	1	45,563	0	0
1,000-2,500..............	0	0	1	17,400	1	58,304	0	0
2,500-5,000..............	0	0	0	0	1	108,547	2	25,993
5,000-10,000.............	0	0	0	0	0	0	0	0
10,000-25,000............	2	51,677	0	0	0	0	1	169,464
25,000-50,000............	0	0	0	0	0	0	2	75,884
50,000-100,000...........	0	0	0	0	0	0	0	0
100,000-250,000..........	0	0	0	0	0	0	0	0
250,000 AND OVER.........	0	0	0	0	0	0	0	0
TOTAL....................	2	51,677	1	17,400	5	238,185	5	271,341

TABLE A-4A

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

WYOMING

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	2	2	525	25	25	11,680	4	790
500-1000	3	3	1,750	11	11	8,045	1	545
1000-2500	2	2	2,440	12	12	20,585	1	1,500
2500-5000	2	2	9,000	8	8	38,045	1	3,500
5000-10000	0	0	0	3	3	19,645	0	0
10000-25000	0	0	0	3	3	45,500	0	0
25000-50000	1	1	39,000	1	1	50,000	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	10	10	52,715	64	63	193,500	7	6,335

TABLE A-5A

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WYOMING

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	8	8	0	1	2	0	2	0	1	0	1	0	0	1
500-1000	5	5	1	0	1	2	0	0	0	0	0	0	0	1
1000-2500	4	4	0	0	2	1	0	0	0	1	0	0	0	0
2500-5000	4	4	0	1	0	2	1	0	0	0	0	0	0	0
5000-10000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
10000-25000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
25000-50000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
50000-100000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	25	25	1	2	6	5	5	0	2	1	1	0	0	2

TABLE A-6A

RUN DATE 69/02/10 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WYOMING

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	13	13	6	1	2	0	1	0	1	0	0	0	0	2
500-1000	9	9	5	0	1	2	0	0	0	0	0	0	0	1
1000-2500	7	7	1	1	2	1	1	0	0	0	0	0	1	0
2500-5000	5	5	2	1	0	2	0	0	0	0	0	0	0	0
5000-10000	2	2	1	0	1	0	0	0	0	0	0	0	0	0
10000-25000	2	2	0	1	0	1	0	0	0	0	0	0	0	0
25000-50000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
50000-100000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	40	40	15	5	7	6	2	0	1	0	0	0	1	3

RUN DATE 68/12/17

PRELIMINARY

TABLE A-7A

WYOMING

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	1	0	0	0	0	0	0	0	1	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	1	0	0	0	0	0	0	0	1	4100
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	4100	0	0	0	0	0	0	0	0	4100

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	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVED COMM./FAC.	0	0	1	0	0	0	0	0	0	0	1	0
BELOW 500 1*	0	0	1	0	0	0	0	0	0	0	1	280
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	280	0	0	0	0	0	0	0	0	280

TABLE A-8A

WYOMING

IMPLEMENTATION PLANS SUMMARY
MUNICIPAL WASTE FACILITIES

SIZE OF PLACE	NEW PLANT		EXPANSION/UPGRADING/REPLACEMENT			INTERCEPTORS	ANCILLARY IMPROVEMENTS				TERTIARY TREATMENT		NUMBER OF
	Primary	Secondary	Prim. to Sec.	Primary	Secondary		Disinfection	Outfall	Interception	Plant	Phos. Reduction	Other	COMMUNITIES
Unknown		4											4
< 500		1											1
500–1000		2											2
1000–2500			1										1
2500–5000			1										1
5000–10000					1								1
10000–25000					1								1
25000–50000													
50000–100000													
100000–250000													
250000–500000													
> 500000													
Total		7	2		2								11
INDICATED COMPLETION DATE													TOTAL PROJECTS SCHEDULED PER YEAR
1968		1			1								2
1969		1	1										2
1970													
1971													
1972													
1973 or later													
Date not given		5	1		1								7
Total Projects		7	2		2								11

MAJOR RIVER BASIN TABLES

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TABLE A-2B

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NORTHEAST

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	33	24	2,941,540	40	25	654,465	7	848,700
<=500	12	12	3,785	9	8	2,545	17	4,555
500-1000	26	25	22,575	16	13	9,015	40	25,734
1000-2500	54	48	87,100	39	36	62,195	127	150,313
2500-5000	79	61	192,715	41	32	92,090	68	183,300
5000-10000	57	49	280,026	58	47	248,128	59	219,540
10000-25000	56	47	715,167	55	48	615,450	38	531,995
25000-50000	35	23	848,657	28	19	573,535	11	322,410
50000-100000	18	10	651,015	6	6	296,720	8	553,985
100000-250000	14	8	1,587,724	3	2	399,360	3	325,760
250000-500000	3	2	522,875	1	0	91,915	0	11,380
>500000	5	2	766,200	11	0	6,634,000	1	1,787,400
TOTALS	392	311	8,619,379	306	236	9,679,418	370	4,965,072

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NORTHEAST

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	56	39	2,273,510	79	49	1,429,850	12	223,195
<=500	14	13	22,360	15	8	14,375	24	8,065
500-1000	31	29	24,400	17	16	11,940	50	28,334
1000-2500	66	57	122,326	62	60	112,799	125	142,135
2500-5000	82	63	254,550	61	54	164,670	61	171,635
5000-10000	80	66	1,293,650	93	73	468,809	44	939,645
10000-25000	78	61	974,385	81	58	709,165	25	353,135
25000-50000	37	24	869,030	42	21	641,505	7	251,210
50000-100000	11	11	700,490	11	7	362,575	7	464,595
100000-250000	13	7	1,884,000	5	3	722,300	4	326,260
250000-500000	3	1	674,000	0	0	0	0	0
>500000	4	2	706,600	11	0	6,791,000	1	1,525,900
TOTALS	475	373	9,799,301	477	349	11,428,988	360	4,444,109

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTHEAST

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	63	107	4	29	8	10	4	6	6	6	1	3	6	24
500-1000	66	92	7	15	9	13	8	2	6	11	3	4	2	12
1000-2500	141	170	9	34	14	21	12	13	12	16	11	9	7	12
2500-5000	135	150	9	29	20	14	13	14	3	18	5	4	10	11
5000-10000	123	137	8	26	12	11	13	11	12	18	10	2	5	9
10000-25000	99	114	8	12	14	16	15	11	5	17	8	5	2	1
25000-50000	46	51	4	8	4	5	5	5	6	7	4	2	1	0
50000-100000	23	28	1	4	1	2	1	3	4	6	1	1	1	3
100000-250000	14	18	2	2	2	0	1	1	2	3	3	1	0	1
250000-500000	5	8	1	0	0	1	1	0	1	3	1	0	0	0
>500000	5	11	0	1	0	0	2	1	4	2	1	0	0	0
TOTALS	720	886	53	160	84	93	75	67	61	107	48	31	34	73

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTHEAST

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	71	119	15	40	12	4	3	6	4	4	1	3	6	21
500-1000	70	97	16	27	10	11	5	3	4	6	3	2	1	9
1000-2500	152	186	22	67	18	19	7	10	10	12	3	5	4	9
2500-5000	143	158	15	56	24	14	15	5	6	10	3	2	3	5
5000-10000	124	140	18	42	15	13	12	8	7	12	3	2	1	7
10000-25000	104	119	10	40	16	10	13	9	2	11	3	3	1	1
25000-50000	47	52	5	12	9	9	3	4	1	3	4	1	0	0
50000-100000	23	28	2	4	2	4	6	3	2	2	2	1	0	0
100000-250000	14	18	4	3	1	1	3	2	0	3	1	0	0	0
250000-500000	5	8	1	0	2	1	2	0	2	0	0	0	0	0
>500000	5	11	0	1	1	2	3	2	0	1	1	0	0	0
TOTALS	758	936	109	292	110	88	72	52	38	64	24	19	16	52

RUN DATE 68/12/20 TABLE A-7B PRELIMINARY

NORTHEAST

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		2	1	14	13	19	10	16	21	0	0	96	0
NO TREATMENT		1	0	3	0	2	0	3	5	0	0	14	1490505
PRIMARY		0	1	8	7	7	6	8	12	0	0	49	5416629
SECONDARY		1	0	3	6	10	4	5	4	0	0	33	1484245
POPULATION SERVED		585	790	43015	91475	413500	349250	1109295	6383469	0	0	0	8391379
SERVED COMM./FAC.		2	1	30	32	40	21	33	238	0	0	397	0
BELOW 500	1*	2	1	18	13	5	4	5	12	0	0	60	14134
500 - 999	2*	0	0	5	6	4	1	7	11	0	0	34	23782
1000 - 4999	3*	0	0	5	7	17	5	10	28	0	0	72	159665
5000 - 9999	4*	0	0	2	5	3	3	5	41	0	0	59	369125
10000 - 24999	5*	0	0	0	1	8	5	4	75	0	0	93	1009038
25000 - 49999	6*	0	0	0	0	1	2	2	41	0	0	46	1225135
50000 - 99999	7*	0	0	0	0	2	1	0	22	0	0	25	1428349
100000 - 249999	8*	0	0	0	0	0	0	0	5	0	0	5	529780
250000 - 499999	9*	0	0	0	0	0	0	0	3	0	0	3	716845
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		635	20	17067	61044	308451	178320	137527	4772789	0	0	0	5475853

TABLE A-2B

RUN DATE 68/12/16 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

NORTH ATLANTIC

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	10	7	638,720	31	19	348,825	1	1,500
<=500	13	13	4,838	20	17	6,909	16	5,320
500-1000	17	17	12,351	28	27	19,723	35	26,056
1000-2500	47	42	68,971	59	55	98,801	62	98,660
2500-5000	25	24	82,280	67	65	257,705	33	108,045
5000-10000	35	27	184,550	63	55	354,015	28	178,120
10000-25000	20	20	271,335	60	39	722,972	12	190,360
25000-50000	2	2	82,000	13	11	399,012	1	32,055
50000-100000	4	4	352,000	9	7	602,200	0	68,000
100000-250000	3	3	400,000	3	2	275,280	2	314,000
250000-500000	1	1	200,000	3	0	17,400	0	0
>500000	5	0	2,229,500	5	3	3,522,470	0	0
TOTALS	182	160	4,526,545	361	300	6,625,312	190	1,022,116

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

NORTH ATLANTIC

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	27	14	3,153,912	111	68	839,784	1	2,700
<=500	15	15	5,615	40	33	74,805	9	4,250
500-1000	20	20	15,690	47	45	46,170	28	18,945
1000-2500	47	44	82,832	80	78	152,629	50	78,885
2500-5000	26	25	97,470	76	71	301,145	30	98,285
5000-10000	34	29	210,320	68	62	435,600	18	119,785
10000-25000	23	20	314,285	46	42	727,915	12	171,010
25000-50000	1	1	45,000	16	15	579,365	0	0
50000-100000	3	3	262,000	10	9	982,000	0	68,000
100000-250000	4	2	496,550	4	4	552,023	1	129,000
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	3	2	3,947,000	0	0
TOTALS	200	173	4,683,674	501	429	8,638,436	149	690,860

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTH ATLANTIC

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	64	78	3	12	7	7	8	4	6	7	2	1	2	19
500-1000	65	72	4	11	8	11	7	5	4	4	2	4	0	12
1000-2500	144	155	10	13	11	32	19	14	9	12	10	5	4	16
2500-5000	101	113	12	16	16	17	16	8	12	4	5	3	0	4
5000-10000	89	98	9	24	12	9	13	6	4	8	7	3	1	2
10000-25000	67	74	3	8	8	12	10	4	6	10	3	8	1	1
25000-50000	26	26	0	6	3	3	4	1	4	1	3	0	0	1
50000-100000	14	14	1	4	2	1	0	2	3	1	0	0	0	0
100000-250000	10	11	0	3	2	0	1	1	1	2	0	0	0	1
250000-500000	2	2	0	0	0	0	0	1	0	1	0	0	0	0
>500000	1	2	0	0	0	0	2	0	0	0	0	0	0	0
TOTALS	583	645	42	97	69	92	80	46	49	50	32	24	8	56

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
NORTH ATLANTIC

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	69	84	10	21	8	7	5	3	5	6	2	1	0	0
500-1000	65	74	13	21	6	7	7	4	1	2	0	1	0	16
1000-2500	152	165	24	44	18	21	8	9	1	2	0	3	0	10
2500-5000	110	122	16	42	13	20	10	6	3	13	5	6	1	13
5000-10000	93	104	15	43	15	9	10	5	0	7	2	1	0	2
10000-25000	69	78	4	31	12	11	4	0	3	4	2	1	0	0
25000-50000	27	27	2	8	7	2	4	0	3	5	4	2	1	1
50000-100000	15	15	1	7	3	1	1	0	3	0	1	0	0	0
100000-250000	11	12	1	6	0	1	1	0	1	1	0	0	0	0
250000-500000	2	2	0	1	0	0	0	1	0	1	1	0	0	0
>500000	3	5	0	1	1	2	1	0	0	0	0	0	0	0
TOTALS	616	688	86	225	83	81	51	29	19	39	17	14	2	42

RUN DATE 68/12/20

TABLE A-7B

PRELIMINARY

NORTH ATLANTIC

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		1	1	13	14	15	11	10	12	0	0	77	0
NO TREATMENT		0	0	0	4	5	0	1	1	0	0	11	324108
PRIMARY		1	1	4	6	4	1	3	6	0	0	26	3383420
SECONDARY		0	0	9	4	6	10	6	5	0	0	40	4772015
POPULATION SERVED		1800	2000	80690	110755	257725	464900	825200	6796470	0	0	0	8479540
SERVED COMM./FAC.		1	1	12	23	42	13	40	77	0	0	209	0
BELOW 500	1*	1	0	1	0	1	0	2	4	0	0	9	3528
500 - 999	2*	0	1	2	2	5	0	4	5	0	0	19	13070
1000 - 4999	3*	0	0	7	6	17	4	12	24	0	0	70	172870
5000 - 9999	4*	0	0	1	9	9	6	9	13	0	0	47	285954
10000 - 24999	5*	0	0	0	3	7	1	11	20	0	0	42	495745
25000 - 49999	6*	0	0	1	3	2	2	0	4	0	0	12	297406
50000 - 99999	7*	0	0	0	0	1	0	1	7	0	0	9	566085
100000 - 249999	8*	0	0	0	0	0	0	1	0	0	0	1	78000
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		900	745	41074	171553	292478	98970	321130	985814	0	0	0	1912664

RUN DATE 68/12/16

TABLE A-2B

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

SOUTHEAST

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	7	4	476,660	10	7	173,390	1	200
<=500	39	24	10,065	55	22	14,939	10	2,545
500-1000	74	65	39,802	51	30	30,302	23	12,090
1000-2500	202	160	198,042	133	81	168,527	82	106,382
2500-5000	100	75	207,730	122	79	303,195	55	168,143
5000-10000	39	26	133,250	100	76	527,463	40	225,262
10000-25000	19	14	131,870	98	53	749,175	19	299,550
25000-50000	11	7	240,160	36	22	727,450	9	267,010
50000-100000	6	4	216,250	12	8	541,300	4	331,830
100000-250000	7	2	402,900	16	5	557,715	4	452,475
250000-500000	5	2	822,845	9	1	474,500	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	509	383	2,879,574	642	384	4,267,956	247	1,865,487

TABLE A-48

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

SOUTHEAST

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	28	12	792,876	205	117	638,375	12	280,380
<=500	26	20	8,180	46	38	28,686	6	1,440
500-1000	59	51	35,710	109	84	84,863	21	12,567
1000-2500	116	86	124,351	256	201	371,862	40	57,600
2500-5000	59	41	134,075	204	138	539,433	35	110,768
5000-10000	30	21	266,175	163	105	778,539	15	107,035
10000-25000	19	14	164,780	149	64	1,191,928	5	62,330
25000-50000	8	5	207,100	68	27	1,040,655	4	142,960
50000-100000	6	3	244,050	60	11	697,217	0	151,600
100000-250000	6	2	321,400	24	4	718,090	1	155,000
250000-500000	4	2	724,575	29	1	425,270	0	4,600
>500000	0	0	0	0	0	0	0	0
TOTALS	361	257	3,023,272	1,313	790	6,514,918	139	1,116,350

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTHEAST

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	115	305	9	40	27	19	15	9	21	23	15	11	12	104
500-1000	170	266	10	52	31	25	29	17	18	24	17	14	7	22
1000-2500	280	407	17	57	31	47	41	30	35	65	18	13	12	41
2500-5000	130	180	4	32	22	21	22	17	12	20	12	4	3	11
5000-10000	120	147	2	21	13	16	24	16	15	17	9	3	5	6
10000-25000	100	120	5	17	11	12	14	12	10	7	14	3	7	8
25000-50000	27	37	0	7	2	6	6	4	3	4	4	0	1	0
50000-100000	17	23	0	5	0	1	4	6	1	6	0	0	0	0
100000-250000	6	8	1	0	0	0	1	1	2	2	1	0	0	0
250000-500000	3	3	1	1	1	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	968	1496	49	232	138	147	156	112	117	168	90	48	47	192

TABLE A-6B

RUN DATE 69/02/11 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTHEAST

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	153	363	77	140	21	12	13	6	10	8	7	7	4	58
500-1000	197	306	63	158	14	10	10	11	5	12	7	2	3	11
1000-2500	322	463	77	230	22	16	12	13	13	23	11	7	5	34
2500-5000	138	189	31	96	16	9	8	4	6	6	3	4	2	4
5000-10000	126	156	18	71	18	11	9	2	10	5	1	6	1	4
10000-25000	104	129	20	49	20	9	8	2	3	13	0	0	0	5
25000-50000	29	39	5	9	11	1	3	3	3	2	1	1	0	0
50000-100000	17	23	0	12	6	1	3	0	0	1	0	0	0	0
100000-250000	6	8	1	0	1	3	3	0	0	0	0	0	0	0
250000-500000	3	3	1	1	0	0	1	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	1095	1679	293	766	129	72	70	41	50	70	30	27	15	116

RUN DATE 68/12/20

PRELIMINARY

TABLE A-7B

SOUTHEAST

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	5	2	3	5	3	5	0	0	23	0
NO TREATMENT		0	0	1	0	0	0	1	0	0	0	2	35528
PRIMARY		0	0	3	0	1	2	0	3	0	0	9	1128855
SECONDARY		0	0	1	2	2	3	2	2	0	0	12	540930
POPULATION SERVED		0	0	27928	13500	33920	169300	173700	1286265	0	0	0	1705313
SERVED COMM./FAC.		0	1	8	0	2	6	7	22	0	0	46	0
BELOW 500	1*	0	0	2	0	0	0	0	0	0	0	2	1790
500 - 999	2*	0	0	1	0	1	1	1	0	0	0	4	3260
1000 - 4999	3*	0	1	3	0	0	3	5	9	0	0	21	48236
5000 - 9999	4*	0	0	1	0	1	0	0	4	0	0	6	34930
10000 - 24999	5*	0	0	0	0	0	2	1	6	0	0	9	101430
25000 - 49999	6*	0	0	1	0	0	0	0	2	0	0	3	74058
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	1	0	0	1	335000
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	3530	55005	0	8500	33546	25635	473385	0	0	0	599601

TABLE A-28

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

TENNESSEE RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	1,600	0	0	0	4	22,050
<=500	4	4	1,590	1	1	285	12	2,855
500-1000	4	4	2,900	1	1	550	10	11,631
1000-2500	15	14	18,385	15	15	19,077	21	32,446
2500-5000	13	12	36,320	9	9	28,995	8	20,720
5000-10000	4	4	24,950	14	12	70,975	4	22,300
10000-25000	3	3	36,050	9	9	97,100	1	12,000
25000-50000	4	4	129,000	0	0	0	0	1,500
50000-100000	0	0	0	1	1	45,000	1	61,030
100000-250000	2	1	131,000	2	1	110,100	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	50	47	381,795	52	49	372,082	61	186,532

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

TENNESSEE RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	7	6	7,090	18	15	166,320	1	6,000
<=500	5	5	2,775	8	8	3,790	9	3,230
500-1000	5	5	4,675	14	14	10,595	6	3,241
1000-2500	11	9	15,465	29	28	52,465	7	11,451
2500-5000	10	9	29,345	23	19	83,275	3	7,400
5000-10000	4	2	23,560	17	15	123,300	0	0
10000-25000	3	3	46,000	10	9	145,464	1	12,000
25000-50000	5	3	158,600	1	1	12,000	0	0
50000-100000	0	0	0	1	0	120,000	0	0
100000-250000	3	0	175,430	1	0	167,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	53	42	461,940	122	109	884,209	27	43,322

TABLE A-58

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
TENNESSEE RIVER

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	16	16	0	2	1	0	4	2	0	0	4	0	0	3
500-1000	18	20	1	3	2	2	0	3	1	2	2	1	1	2
1000-2500	39	45	0	2	5	4	9	4	2	8	2	5	1	3
2500-5000	26	29	1	4	3	1	3	3	4	1	4	2	1	2
5000-10000	25	27	0	2	1	1	3	2	6	5	3	1	0	3
10000-25000	12	14	0	1	0	2	4	0	2	1	2	0	1	1
25000-50000	6	7	0	0	1	4	0	0	1	1	0	0	0	0
50000-100000	0	1	0	0	0	0	0	0	0	0	1	0	0	0
100000-250000	2	3	0	1	0	0	0	0	1	0	1	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	144	162	2	15	13	14	23	14	17	18	19	9	4	14

TABLE A-68

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
TENNESSEE RIVER

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	18	19	4	4	3	0	3	1	0	0	1	1	0	2
500-1000	20	23	5	8	2	2	0	0	3	0	0	1	0	2
1000-2500	44	50	6	22	4	4	1	5	0	3	2	2	0	1
2500-5000	27	30	3	13	4	2	1	1	1	1	1	1	0	2
5000-10000	25	27	2	10	3	2	4	2	1	1	2	0	0	0
10000-25000	12	14	1	4	1	0	1	1	1	4	1	0	0	0
25000-50000	6	7	1	1	4	0	0	1	0	0	0	0	0	0
50000-100000	0	1	0	0	0	0	0	0	1	0	0	0	0	0
100000-250000	2	3	0	1	0	1	1	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	154	174	22	63	21	11	11	11	7	9	7	5	0	7

RUN DATE 68/12/20

TABLE A-7B

PRELIMINARY

TENNESSEE RIVER

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	1	0	0	1	0	0	2	0
NO TREATMENT	0	0	0	0	1	0	0	0	0	0	1	20000
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	1	0	0	1	92000
POPULATION SERVED	0	0	0	0	20000	0	0	92000	0	0	0	112000

		1	2	3	4	5	6	7	8	9	0	COM./FAC.	POPULATION SERVED
SERVED COMM./FAC.		0	0	0	0	1	0	0	0	0	0	1	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	1	0	0	0	0	0	1	3000
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	3000	0	0	0	0	0	0	3000

TABLE A-28

RUN DATE 68/12/16 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

OHIO RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	5	4	193,695	17	9	1,638,345	1	1,800
<=500	12	12	5,033	14	14	5,035	40	14,878
500-1000	27	26	19,040	36	32	30,880	125	91,875
1000-2500	97	94	152,670	123	115	239,190	199	288,755
2500-5000	48	45	149,995	94	90	325,885	65	215,765
5000-10000	30	29	223,520	113	101	732,250	31	214,901
10000-25000	38	35	638,980	73	59	834,915	14	200,940
25000-50000	18	16	650,730	17	15	542,095	2	45,000
50000-100000	3	3	207,645	13	5	385,270	3	258,885
100000-250000	2	1	141,500	2	2	311,875	1	166,690
250000-500000	1	1	399,375	18	3	1,330,405	0	0
>500000	3	1	675,340	0	0	0	0	0
TOTALS	284	267	3,457,523	520	465	6,376,145	481	1,499,489

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

OHIO RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	17	15	211,640	151	94	1,785,730	8	63,935
<=500	10	9	3,445	43	28	14,592	45	17,315
500-1000	26	25	20,775	97	89	66,905	107	82,232
1000-2500	95	94	170,565	237	225	458,642	115	162,595
2500-5000	47	47	164,465	151	125	494,190	33	118,870
5000-10000	34	32	243,730	124	113	881,813	10	64,851
10000-25000	39	35	652,065	77	62	977,260	6	87,425
25000-50000	13	12	493,945	20	17	714,775	2	48,000
50000-100000	6	6	462,200	14	5	391,850	0	1,300
100000-250000	3	2	322,000	2	1	384,000	0	0
250000-500000	1	1	399,375	18	3	1,406,900	0	0
>500000	3	1	0	0	0	0	0	0
TOTALS	294	279	3,144,205	934	762	7,576,657	326	646,523

TABLE A-58

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
OHIO RIVER

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	69	107	1	46	11	4	2	3	3	9	2	7	0	19
500-1000	130	160	5	53	20	14	13	17	4	14	7	1	4	8
1000-2500	308	350	12	76	51	49	55	27	23	32	8	7	1	9
2500-5000	188	200	7	38	34	29	22	20	10	21	6	3	2	8
5000-10000	144	154	17	23	18	24	17	14	12	11	9	3	3	3
10000-25000	100	107	3	10	12	15	16	14	10	13	5	3	2	4
25000-50000	31	33	0	2	5	5	1	6	4	3	6	1	0	0
50000-100000	16	17	0	2	1	4	1	0	1	1	4	0	3	0
100000-250000	4	5	0	0	0	0	1	0	0	2	1	0	1	0
250000-500000	3	4	0	0	0	0	0	0	0	3	1	0	0	0
>500000	3	3	0	1	0	0	0	0	0	1	0	0	0	1
TOTALS	996	1140	45	251	152	144	128	101	67	110	49	25	16	52

TABLE A-6B

PRELIMINARY

RUN DATE 69/02/11

1968 MUNICIPAL WASTE INVENTORY
OHIO RIVER

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	75	114	11	53	14	4	1	3	1	5	1	4	0	17
500-1000	135	166	28	69	22	5	9	10	4	4	3	2	3	7
1000-2500	323	367	52	145	43	38	21	18	10	14	12	5	2	7
2500-5000	193	207	28	79	27	22	12	13	5	5	8	1	2	5
5000-10000	149	160	22	67	23	11	10	6	8	7	3	1	2	0
10000-25000	103	111	8	30	19	12	13	9	8	5	0	4	1	2
25000-50000	32	34	0	13	5	2	5	4	2	2	0	1	0	0
50000-100000	16	18	0	5	2	2	3	1	1	2	1	0	1	0
100000-250000	4	5	0	1	1	0	2	0	0	0	0	0	1	0
250000-500000	4	5	0	0	0	0	0	2	1	1	1	0	0	0
>500000	3	3	0	1	0	0	0	1	0	0	0	0	0	1
TOTALS	1037	1190	149	463	156	96	76	67	40	45	29	18	12	39

RUN DATE 68/12/20

TABLE A-7B

PRELIMINARY

OHIO RIVER

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		1	3	9	19	17	6	3	8	0	0	66	0
NO TREATMENT		0	3	1	5	2	0	0	1	0	0	12	236285
PRIMARY		1	0	3	5	8	5	2	3	0	0	27	1362895
SECONDARY		0	0	5	9	7	1	1	4	0	0	27	2802045
POPULATION SERVED		353	2140	18575	162325	340695	261515	222325	3395200	0	0	0	4403125
SERVED COMM./FAC.		0	1	10	23	24	11	18	128	0	0	215	0
BELOW 500	1*	0	0	0	0	0	1	2	13	0	0	16	4580
500 - 999	2*	0	0	2	2	3	2	0	9	0	0	18	13250
1000 - 4999	3*	0	1	6	15	12	2	12	40	0	0	88	237255
5000 - 9999	4*	0	0	2	4	5	5	2	33	0	0	51	332920
10000 - 24999	5*	0	0	0	2	3	0	0	26	0	0	31	428330
25000 - 49999	6*	0	0	0	0	1	0	2	6	0	0	9	246345
50000 - 99999	7*	0	0	0	0	0	1	0	1	0	0	2	114835
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	4275	20085	74975	86125	98150	122400	971575	0	0	0	1377515

TABLE A-28

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

LAKE ERIE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	4	3	64,685	4	4	16,095	0	0
<=500	0	0	0	0	0	0	4	1,280
500-1000	2	2	1,150	4	4	2,875	15	12,040
1000-2500	10	9	13,345	26	26	46,285	19	27,375
2500-5000	4	4	16,080	18	18	63,770	4	15,760
5000-10000	8	6	37,540	16	14	137,320	5	38,240
10000-25000	6	6	126,245	9	9	131,480	1	12,905
25000-50000	1	1	31,980	2	2	74,125	0	0
50000-100000	3	3	247,470	1	1	51,035	0	0
100000-250000	0	0	0	2	2	296,770	0	0
250000-500000	0	0	0	2	2	699,205	0	0
>500000	1	0	222,000	2	1	1,091,825	0	0
TOTALS	39	34	760,495	86	83	2,600,785	48	107,600

TABLE A-48

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

LAKE ERIE

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULA-TION SERVED	NO. OF COMMUNI-TIES	POPULATION SERVED
UNKNOWN	9	6	422,885	76	36	721,820	0	0
<=500	0	0	0	1	1	0	5	2,250
500-1000	2	2	1,245	7	7	5,005	14	11,350
1000-2500	2	2	2,580	45	45	74,245	11	15,725
2500-5000	3	3	11,680	23	22	80,740	3	11,760
5000-10000	7	5	39,525	23	18	148,100	2	16,290
10000-25000	5	5	97,725	12	11	107,540	1	14,920
25000-50000	1	1	34,425	2	2	80,675	0	0
50000-100000	2	2	217,830	2	2	126,140	0	0
100000-250000	0	0	0	2	1	300,000	0	0
250000-500000	0	0	0	2	2	737,400	0	0
>500000	0	0	0	1	1	630,000	0	0
TOTALS	31	26	827,895	196	148	3,101,665	36	72,295

TABLE A-58

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
LAKE ERIE

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	12	21	0	9	6	2	0	0	0	1	0	0	0	3
500-1000	15	25	1	13	5	0	1	1	0	3	0	0	0	1
1000-2500	50	62	1	14	9	17	13	2	2	1	1	0	0	2
2500-5000	28	31	1	4	9	1	3	3	3	4	1	1	0	1
5000-10000	27	32	1	4	10	6	2	2	2	3	1	0	0	1
10000-25000	18	18	2	3	2	3	0	3	0	3	1	1	0	0
25000-50000	6	7	2	1	1	1	0	0	0	0	0	0	1	1
50000-100000	4	4	0	0	0	1	0	0	1	2	0	0	0	0
100000-250000	2	3	0	0	0	1	0	0	1	0	0	1	0	0
250000-500000	3	3	0	0	0	0	1	1	0	1	0	0	0	0
>500000	1	2	0	1	0	0	0	0	1	0	0	0	0	0
TOTALS	166	208	8	49	42	32	20	12	10	18	4	3	1	9

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
LAKE ERIE

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	12	21	2	7	5	4	1	0	0	1	0	0	0	1
500-1000	15	26	7	10	6	0	0	0	0	1	0	0	0	2
1000-2500	52	64	5	21	10	10	8	4	0	2	4	0	0	0
2500-5000	28	31	1	10	9	3	1	2	0	3	1	0	0	1
5000-10000	30	35	6	5	8	4	6	3	2	0	0	0	1	0
10000-25000	20	20	2	6	1	3	4	2	1	1	0	0	0	0
25000-50000	7	8	1	3	1	0	2	1	0	0	0	0	0	0
50000-100000	4	4	0	1	0	0	1	0	1	1	0	0	0	0
100000-250000	2	3	1	1	0	0	1	0	0	0	0	0	0	0
250000-500000	3	3	0	0	1	0	0	0	2	0	0	0	0	0
>500000	1	2	0	1	0	0	0	0	1	0	0	0	0	0
TOTALS	174	217	25	65	41	24	24	12	7	9	5	0	1	4

RUN DATE 68/12/20 TABLE A-7B PRELIMINARY

LAKE ERIE

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	1	0	2	1	2	6	0	0	12	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	2	1	2	1	0	0	6	504475
SECONDARY		0	0	1	0	0	0	0	5	0	0	6	1918695
POPULATION SERVED		0	0	2665	0	56265	44895	181315	2138030	0	0	0	2423170
SERVED COMM./FAC.		0	0	1	0	3	1	7	34	0	0	46	0
BELOW 500	1*	0	0	0	0	0	0	2	1	0	0	3	880
500 - 999	2*	0	0	0	0	0	0	0	2	0	0	2	1480
1000 - 4999	3*	0	0	0	0	1	0	0	11	0	0	12	36040
5000 - 9999	4*	0	0	1	0	0	0	2	2	0	0	5	24930
10000 - 24999	5*	0	0	0	0	2	1	2	10	0	0	15	205475
25000 - 49999	6*	0	0	0	0	0	0	1	6	0	0	7	244345
50000 - 99999	7*	0	0	0	0	0	0	0	2	0	0	2	144660
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	1200	0	31270	14490	74515	536335	0	0	0	657810

TABLE A-2B

RUN DATE 68/12/16 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

UPPER MISSISSIPPI RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	1,400	14	13	161,090	3	147,615
<=500	53	47	1,057,475	139	115	39,353	26	12,755
500-1000	60	58	40,055	261	247	315,470	47	35,260
1000-2500	71	65	96,065	349	324	487,327	48	55,790
2500-5000	23	20	70,655	182	167	647,887	13	65,475
5000-10000	10	9	59,230	99	91	632,469	7	84,300
10000-25000	15	14	225,300	65	49	788,205	4	173,345
25000-50000	12	12	397,247	16	13	482,705	2	89,500
50000-100000	4	4	252,800	4	4	311,000	0	51,250
100000-250000	0	0	0	3	3	502,700	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	0	3,805	13	0	4,764,785	1	750,000
TOTALS	250	230	2,204,032	1,144	1,026	9,132,991	151	1,495,290

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

UPPER MISSISSIPPI RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	5	5	140,765	48	42	512,390	3	3,000
<=500	49	45	14,565	266	244	1,190,396	22	9,065
500-1000	56	54	39,145	391	376	260,622	22	20,075
1000-2500	52	49	80,705	419	307	598,575	27	49,735
2500-5000	25	22	81,631	209	184	693,721	2	24,080
5000-10000	14	13	98,135	106	94	697,759	3	46,840
10000-25000	16	16	252,750	77	54	878,380	0	106,845
25000-50000	14	13	426,950	20	15	562,850	0	26,900
50000-100000	6	5	523,610	7	5	436,000	0	51,250
100000-250000	0	0	0	4	3	459,600	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	0	3,805	3	0	4,771,990	0	0
TOTALS	238	222	1,662,061	1,549	1,414	11,062,283	79	337,810

TABLE A-58

RUN DATE 69/02/12

1968 MUNICIPAL WASTE INVENTORY
UPPER MISSISSIPPI RIVER

PRELIMINARY

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	334	356	9	46	47	53	43	24	25	44	0	0	0	0
500-1000	412	426	4	84	56	67	68	38	28	27	14	9	4	38
1000-2500	449	469	9	84	60	68	76	38	31	47	21	6	9	18
2500-5000	178	183	7	29	26	28	24	16	13	26	25	18	4	9
5000-10000	114	122	1	26	16	17	18	10	9	8	4	4	3	3
10000-25000	66	70	2	9	5	11	12	8	5	11	10	2	2	3
25000-50000	34	34	0	4	4	3	3	5	4	7	2	1	2	2
50000-100000	11	11	0	0	0	1	1	0	3	4	3	0	0	1
100000-250000	7	7	1	1	0	0	2	1	0	1	1	1	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	1	0	0
>500000	3	3	1	0	0	1	0	1	0	0	0	0	0	0
TOTALS	1608	1681	34	283	214	249	247	141	118	175	80	42	24	74

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
UPPER MISSISSIPPI RIVER

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	348	377	131	99	24	31	16	12	13	21	8	3	1	18
500-1000	423	440	151	121	29	27	32	16	17	19	8	3	5	12
1000-2500	452	472	93	169	40	34	30	16	20	30	15	11	5	9
2500-5000	182	187	39	70	26	13	11	7	6	13	0	1	0	1
5000-10000	118	126	11	50	23	9	10	6	6	5	4	1	0	1
10000-25000	66	71	14	16	17	5	4	4	4	2	2	0	1	2
25000-50000	34	34	4	9	4	4	5	0	2	5	1	0	0	0
50000-100000	12	12	1	2	0	2	2	1	2	1	0	1	0	0
100000-250000	7	7	0	3	1	1	0	0	1	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	4	4	0	0	0	1	0	0	0	2	0	1	0	0
TOTALS	1646	1730	444	539	164	127	110	62	71	99	38	21	12	43

RUN DATE 68/12/20

TABLE A-7B

PRELIMINARY

UPPER MISSISSIPPI RIVER
JOINT TREATMENT FACILITIES
1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		4	2	16	7	10	7	5	11	0	0	62	0
NO TREATMENT		0	0	1	0	0	0	0	2	0	0	3	894110
PRIMARY		0	0	3	0	1	3	1	1	0	0	9	1272242
SECONDARY		4	2	12	7	9	4	4	8	0	0	50	6134597
POPULATION SERVED		1520	7250	41712	53415	168660	247242	368500	7412650	0	0	0	8300949
SERVED COMM./FAC.		1	3	11	4	9	14	9	152	0	0	203	0
BELOW 500	1*	1	0	1	0	1	1	0	7	0	0	11	3630
500 - 999	2*	0	1	3	3	1	0	0	6	0	0	14	9449
1000 - 4999	3*	0	1	7	1	5	9	3	36	0	0	62	144597
5000 - 9999	4*	0	1	0	0	1	2	0	38	0	0	42	266475
10000 - 24999	5*	0	0	0	0	1	2	3	41	0	0	47	716570
25000 - 49999	6*	0	0	0	0	0	0	3	12	0	0	15	469500
50000 - 99999	7*	0	0	0	0	0	0	0	8	0	0	8	536185
100000 - 249999	8*	0	0	0	0	0	0	0	1	0	0	1	126385
250000 - 499999	9*	0	0	0	0	0	0	0	2	0	0	2	716650
500000 AND ABOVE	0*	0	0	0	0	0	0	0	1	0	0	1	3550405
POPULATION SERVED		205	4970	14580	3670	37199	75922	129750	6275450	0	0	0	6539846

TABLE A-2B

RUN DATE 68/12/16 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

WESTERN GREAT LAKES

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	10	5	263,255	8	5	1,192,360	1	2,000
<=500	14	14	3,550	14	14	4,460	4	1,265
500-1000	15	15	11,105	38	38	26,785	4	3,020
1000-2500	46	44	75,530	64	62	100,035	19	20,765
2500-5000	31	29	105,598	40	39	130,475	8	33,100
5000-10000	23	22	156,765	26	25	164,555	5	36,095
10000-25000	22	22	316,315	24	15	275,240	0	0
25000-50000	6	6	260,340	11	9	342,380	0	0
50000-100000	5	5	388,200	7	5	366,770	0	500
100000-250000	5	2	349,600	8	5	783,480	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	1	3,667,000	0	0	0	0	0
TOTALS	178	165	5,597,258	240	217	3,386,540	41	96,745

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

WESTERN GREAT LAKES

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	15	5	384,100	30	16	1,255,720	2	2,500
<=500	13	13	3,992	23	23	7,988	8	3,140
500-1000	18	18	13,265	45	44	31,746	21	15,975
1000-2500	44	41	69,110	85	84	128,200	18	24,045
2500-5000	29	29	102,848	46	45	153,825	8	34,105
5000-10000	23	23	140,995	31	30	200,555	4	30,175
10000-25000	19	18	275,920	22	19	379,215	3	25,270
25000-50000	5	5	213,340	16	11	501,920	0	0
50000-100000	2	2	160,600	8	7	678,470	0	0
100000-250000	2	1	345,000	5	4	865,500	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	1	1	3,667,000	0	0	0	0	0
TOTALS	171	156	5,376,170	311	283	4,203,139	64	135,210

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WESTERN GREAT LAKES

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	41	43	3	3	3	8	4	5	2	4	2	0	2	7
500-1000	75	79	3	11	19	6	8	7	7	7	3	2	4	2
1000-2500	104	112	1	22	14	15	12	11	15	5	3	8	1	5
2500-5000	72	75	4	9	12	9	9	3	5	10	7	2	3	2
5000-10000	49	52	0	6	4	4	4	12	4	8	4	1	3	2
10000-25000	36	38	1	6	5	2	4	2	5	5	3	3	0	2
25000-50000	12	12	0	1	1	0	2	0	1	3	1	1	1	1
50000-100000	14	14	0	0	1	0	1	2	0	3	2	2	2	1
100000-250000	7	8	0	0	0	0	1	1	1	1	1	1	1	1
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	411	434	12	58	59	44	46	43	40	46	26	20	17	23

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WESTERN GREAT LAKES

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	44	46	9	10	7	2	4	1	0	3	1	0	2	7
500-1000	82	87	14	22	16	5	10	4	5	5	0	3	0	3
1000-2500	116	124	11	43	28	4	10	11	1	8	3	1	0	4
2500-5000	77	80	10	27	10	6	5	7	7	3	1	1	2	1
5000-10000	52	56	1	17	8	8	6	4	5	3	1	2	0	1
10000-25000	40	42	2	12	4	10	4	5	2	1	0	1	0	1
25000-50000	14	14	1	3	0	1	3	2	0	0	2	1	0	1
50000-100000	15	15	1	2	0	1	0	3	2	4	1	1	0	0
100000-250000	9	10	0	0	1	2	1	1	1	3	1	0	0	0
250000-500000	0	1	0	0	0	1	0	0	0	0	0	0	0	0
>500000	2	2	0	0	0	0	0	0	2	0	0	0	0	0
TOTALS	451	477	49	136	74	40	43	38	25	30	10	10	4	18

RUN DATE 68/12/20 TABLE A-7B PRELIMINARY

WESTERN GREAT LAKES

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		0	0	4	5	8	1	5	7	0	0	30	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	2	2	6	1	3	4	0	0	18	4647705
SECONDARY		0	0	2	3	2	0	2	3	0	0	12	1547270
POPULATION SERVED		0	0	9325	28700	161470	46000	432780	5516700	0	0	0	6194975
SERVED COMM./FAC.		0	0	2	2	8	1	9	90	0	0	112	0
BELOW 500	1*	0	0	1	0	1	0	1	0	0	0	3	765
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	1	2	2	1	4	17	0	0	27	64998
5000 - 9999	4*	0	0	0	0	2	0	1	13	0	0	16	111170
10000 - 24999	5*	0	0	0	0	3	0	2	29	0	0	34	450712
25000 - 49999	6*	0	0	0	0	0	0	0	18	0	0	18	551730
50000 - 99999	7*	0	0	0	0	0	0	1	11	0	0	12	690135
100000 - 249999	8*	0	0	0	0	0	0	0	1	0	0	1	112005
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	1	0	0	1	740000
POPULATION SERVED		0	0	1430	500	54607	2570	101438	2560960	0	0	0	2721505

TABLE A-2B

RUN DATE 68/12/16 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

MISSOURI RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	2	2,000	23	21	78,825	2	14,200
<=500	51	50	14,520	273	255	80,180	36	10,820
500-1000	64	64	39,775	215	207	141,225	43	27,570
1000-2500	45	42	59,520	251	226	402,077	53	63,790
2500-5000	14	14	51,170	89	77	269,400	14	44,700
5000-10000	10	10	67,550	55	42	291,540	11	88,400
10000-25000	9	9	133,300	41	24	390,145	8	115,100
25000-50000	2	2	71,800	13	10	365,480	3	92,965
50000-100000	3	2	157,000	4	3	104,500	3	192,900
100000-250000	1	0	8,000	2	2	204,400	1	107,000
250000-500000	1	0	550,000	5	1	101,155	2	629,000
>500000	0	0	0	0	0	0	0	0
TOTALS	203	195	1,154,635	972	868	2,428,927	176	1,386,445

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

MISSOURI RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	6	3	208,500	100	87	1,071,225	1	4,750
<=500	45	45	13,165	485	477	203,330	90	20,735
500-1000	45	45	31,045	299	280	196,455	17	10,920
1000-2500	33	33	42,900	293	272	426,722	21	24,670
2500-5000	14	14	59,845	92	85	311,970	4	16,100
5000-10000	11	11	87,000	59	47	343,140	5	36,400
10000-25000	13	12	235,600	27	21	357,210	1	17,000
25000-50000	2	2	82,000	17	11	513,300	3	70,565
50000-100000	5	5	332,900	3	3	115,000	0	0
100000-250000	1	0	8,000	4	2	206,300	1	218,000
250000-500000	2	2	624,000	1	0	60,000	0	0
>500000	0	0	0	1	1	100,000	0	0
TOTALS	177	172	1,724,955	1,370	1,286	3,904,652	143	419,140

TABLE A-58

RUN DATE 69/02/12

1968 MUNICIPAL WASTE INVENTORY
MISSOURI RIVER

PRELIMINARY

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	447	465	1	105	70	65	59	28	35	33	20	13	6	30
500-1000	275	285	9	71	54	49	28	23	14	15	9	0	3	10
1000-2500	259	270	7	59	41	37	28	25	21	25	9	3	3	12
2500-5000	89	100	6	20	18	23	14	6	6	4	2	0	0	1
5000-10000	50	54	0	11	7	7	4	4	3	5	7	2	0	4
10000-25000	39	40	2	4	6	4	5	1	3	6	3	0	1	5
25000-50000	11	12	0	2	4	0	3	1	0	0	0	1	1	0
50000-100000	12	13	0	3	0	1	2	1	4	1	0	1	0	0
100000-250000	4	4	0	0	0	0	0	1	0	1	1	0	0	1
250000-500000	1	1	0	0	0	0	0	0	1	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	1187	1244	25	275	200	186	143	90	87	90	51	20	14	63

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
MISSOURI RIVER

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	502	520	122	277	41	10	18	6	13	11	2	1	1	18
500-1000	303	313	79	159	22	11	12	9	2	8	1	0	0	10
1000-2500	276	288	58	154	20	14	8	6	8	5	5	2	3	5
2500-5000	98	109	19	61	7	9	5	3	2	1	1	0	0	1
5000-10000	60	65	13	26	4	7	3	6	3	2	1	0	2	1
10000-25000	46	48	4	23	5	5	2	1	2	2	0	0	1	3
25000-50000	12	13	1	10	1	0	0	0	0	1	0	0	0	0
50000-100000	13	14	4	4	1	1	1	1	1	0	1	0	0	0
100000-250000	4	4	0	0	1	0	1	0	1	1	0	0	0	0
250000-500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	1315	1375	297	714	102	57	51	32	32	31	11	3	7	38

RUN DATE 68/12/20

PRELIMINARY

TABLE A-7B

MISSOURI RIVER

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	1	4	3	3	4	3	7	0	0	25	0
NO TREATMENT		0	0	1	0	0	1	0	4	0	0	6	638200
PRIMARY		0	0	2	0	0	1	1	1	0	0	5	657100
SECONDARY		0	1	1	3	3	2	2	2	0	0	14	449805
POPULATION SERVED		0	1400	10300	13765	37040	156200	176000	1350400	0	0	0	1745105
SERVED COMM./FAC.		0	3	8	2	6	2	9	17	0	0	47	0
BELOW 500	1*	0	3	4	1	0	1	1	1	0	0	11	3210
500 - 999	2*	0	0	1	1	2	0	0	7	0	0	11	7450
1000 - 4999	3*	0	0	3	0	2	1	4	7	0	0	17	35295
5000 - 9999	4*	0	0	0	0	1	0	2	1	0	0	4	29545
10000 - 24999	5*	0	0	0	0	1	0	1	1	0	0	3	41935
25000 - 49999	6*	0	0	0	0	0	0	1	0	0	0	1	25355
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	825	6965	585	21725	2700	68610	41380	0	0	0	142790

TABLE A-2B

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

SOUTHWEST-LOWER MISSISSIPPI RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	11,300	8	5	152,960	2	2,800
<=500	23	23	7,170	92	83	30,868	7	1,695
500-1000	47	46	27,195	145	145	91,863	15	8,035
1000-2500	78	75	97,670	215	202	303,332	30	39,865
2500-5000	24	22	54,130	128	121	413,538	28	80,225
5000-10000	15	12	75,000	104	90	593,160	12	76,020
10000-25000	7	3	45,600	80	63	979,804	12	169,145
25000-50000	3	2	60,290	18	9	333,575	6	197,470
50000-100000	0	0	0	14	4	356,335	3	121,400
100000-250000	2	1	193,785	4	3	325,000	1	160,000
250000-500000	3	0	125,300	13	3	714,450	1	497,525
>500000	0	0	0	0	0	0	1	840,000
TOTALS	203	185	697,440	821	728	4,294,885	118	2,194,180

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

SOUTHWEST-LOWER MISSISSIPPI RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	9	7	292,655	106	67	513,050	3	49,375
<=500	16	16	4,850	202	196	83,878	10	2,345
500-1000	27	27	16,195	240	233	170,035	10	5,400
1000-2500	31	28	40,985	302	283	461,764	13	22,445
2500-5000	11	10	32,355	165	138	540,455	13	42,650
5000-10000	7	4	29,345	114	95	729,000	4	31,580
10000-25000	3	3	37,300	84	63	1,072,079	8	159,505
25000-50000	1	1	38,000	17	10	414,000	2	130,159
50000-100000	3	1	74,400	14	5	473,500	0	0
100000-250000	0	0	0	5	1	199,200	1	106,000
250000-500000	1	0	121,000	9	2	742,700	0	497,525
>500000	1	0	149,000	2	0	12,500	1	518,500
TOTALS	110	97	836,085	1,260	1,093	5,414,051	65	1,715,704

TABLE A-5B

RUN DATE 69/02/12 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTHWEST-LOWER MISSISSIPPI RIVER

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	161	177	3	17	20	24	19	21	12	16	14	8	5	18
500-1000	175	185	5	30	31	26	21	12	18	18	6	2	7	9
1000-2500	218	240	8	69	29	45	31	8	22	13	5	2	4	4
2500-5000	114	130	4	28	23	19	8	10	11	12	4	2	1	8
5000-10000	81	90	2	16	12	13	7	4	12	13	5	3	0	3
10000-25000	51	54	3	13	8	12	8	1	1	2	0	2	0	4
25000-50000	15	19	0	9	1	2	1	3	0	0	0	2	0	1
50000-100000	5	7	1	2	1	2	0	1	0	0	0	0	0	0
100000-250000	4	7	1	0	1	0	2	0	0	2	1	0	0	0
250000-500000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	825	910	27	184	127	143	97	60	76	76	35	21	17	47

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
SOUTHWEST-LOWER MISSISSIPPI RIVER

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	187	207	53	84	28	10	3	3	2	5	2	0	2	15
500-1000	215	230	84	85	27	6	4	4	6	3	1	1	1	8
1000-2500	253	282	69	134	24	13	13	8	7	3	0	1	5	5
2500-5000	129	146	30	61	19	9	5	7	1	6	4	0	1	3
5000-10000	99	109	20	38	15	12	7	6	4	4	2	0	0	1
10000-25000	57	62	10	28	6	8	6	0	1	2	1	0	0	0
25000-50000	20	24	1	16	3	1	0	2	0	0	0	1	0	0
50000-100000	6	8	0	5	1	1	0	1	0	0	0	0	0	0
100000-250000	4	7	1	2	1	0	1	1	0	1	0	0	0	0
250000-500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	971	1076	268	454	124	60	39	32	21	24	10	3	9	32

RUN DATE 68/12/20 PRELIMINARY

TABLE A-7B

SOUTHWEST-LOWER MISSISSIPPI RIVER
JOINT TREATMENT FACILITIES
1962 MUNICIPAL WASTE INVENTORY

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		1	1	0	0	3	1	1	1	0	0	8	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	1	0	0	0	0	0	1	11300
SECONDARY		1	1	0	0	2	1	1	1	0	0	7	482740
POPULATION SERVED		1090	850	0	0	35800	42300	120000	294000	0	0	0	494040
SERVED COMM./FAC.		3	1	0	0	2	1	3	2	0	0	12	0
BELOW 500	1*	3	0	0	0	0	0	0	1	0	0	4	960
500 - 999	2*	0	1	0	0	1	0	0	0	0	0	2	1200
1000 - 4999	3*	0	0	0	0	0	0	2	1	0	0	3	9125
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	1	1	1	0	0	0	3	83500
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		660	400	0	0	9850	66000	16625	1300	0	0	0	94875

TABLE A-28

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

COLORADO RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	4	4	12,500	0	0
<=500	16	16	3,805	14	13	4,343	5	1,280
500-1000	7	7	3,615	19	19	16,233	10	5,515
1000-2500	10	6	12,714	21	19	29,610	9	10,480
2500-5000	6	6	21,980	18	14	55,285	3	10,490
5000-10000	4	3	18,700	11	10	83,965	2	12,030
10000-25000	0	0	0	13	11	153,340	1	20,000
25000-50000	0	0	0	1	1	25,000	0	0
50000-100000	0	0	0	2	1	170,000	0	0
100000-250000	0	0	0	1	1	164,700	0	0
250000-500000	0	0	0	2	1	288,000	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	43	38	60,814	106	94	1,002,976	30	59,795

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

COLORADO RIVER

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	14	13	249,600	0	0
<=500	12	12	3,490	28	27	9,128	3	665
500-1000	8	8	4,885	25	25	19,798	7	4,000
1000-2500	3	1	2,800	39	36	57,575	1	1,775
2500-5000	4	4	16,000	21	17	71,400	1	3,500
5000-10000	0	0	0	14	12	101,065	2	11,930
10000-25000	0	0	0	11	10	153,455	1	20,000
25000-50000	0	0	0	1	1	25,000	0	0
50000-100000	0	0	0	2	0	276,000	0	0
100000-250000	0	0	0	1	1	164,700	0	0
250000-500000	0	0	0	1	0	260,000	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	27	25	27,175	157	142	1,387,721	15	41,870

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
COLORADO RIVER

DESIGN LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL COMM. SRVD	TOTAL NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	15	18	1	4	0	0	3	1	2	0	0	1	0	6
500-1000	8	9	3	2	1	1	0	0	0	2	0	0	0	0
1000-2500	15	16	1	4	0	1	3	0	0	5	1	0	0	1
2500-5000	18	19	0	2	2	1	3	4	0	1	2	1	2	1
5000-10000	11	11	0	2	1	1	1	1	2	1	0	1	0	1
10000-25000	7	7	0	4	1	1	0	0	1	0	0	0	0	0
25000-50000	3	3	0	0	0	0	0	1	2	0	0	0	0	0
50000-100000	1	2	0	0	1	1	0	0	0	0	0	0	0	0
100000-250000	1	2	0	1	0	0	0	1	0	0	0	0	0	0
250000-500000	1	1	0	0	1	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	80	88	5	19	7	6	10	8	7	9	3	3	2	9

TABLE A-68

PRELIMINARY

RUN DATE 69/02/11

1968 MUNICIPAL WASTE INVENTORY
COLORADO RIVER

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	29	32	15	11	0	0	0	0	1	0	0	0	0	5
500-1000	13	15	5	7	0	2	0	0	0	0	0	0	1	0
1000-2500	27	29	4	16	2	2	2	0	1	2	0	0	0	0
2500-5000	24	25	2	18	2	0	0	0	0	1	1	0	0	1
5000-10000	12	12	2	8	0	1	0	0	0	0	1	0	0	0
10000-25000	9	10	0	5	2	2	1	0	0	0	0	0	0	0
25000-50000	3	3	0	1	1	0	1	0	0	0	0	0	0	0
50000-100000	1	2	0	0	1	1	0	0	0	0	0	0	0	0
100000-250000	2	3	0	3	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	121	132	29	69	8	8	4	0	2	3	2	0	1	6

RUN DATE 68/12/20

PRELIMINARY

TABLE A-7B

COLORADO RIVER

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		1	1	2	3	1	1	2	1	0	0	12	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		1	1	2	3	1	1	2	1	0	0	12	414655
POPULATION SERVED		455	1200	4000	34700	11600	28000	170000	164700	0	0	0	414655
SERVED COMM./FAC.		1	1	1	2	0	0	1	2	0	0	8	0
BELOW 500	1*	1	0	0	0	0	0	0	0	0	0	1	375
500 - 999	2*	0	1	0	0	0	0	0	0	0	0	1	700
1000 - 4999	3*	0	0	1	2	0	0	0	0	0	0	3	3700
5000 - 9999	4*	0	0	0	0	0	0	0	1	0	0	1	5000
10000 - 24999	5*	0	0	0	0	0	0	1	1	0	0	2	31000
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		375	700	1000	2700	0	0	19000	17000	0	0	0	40775

TABLE A-2B

RUN DATE 68/12/16 PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

WESTERN GULF

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	46	7	66,130	0	0
<=500	7	7	2,340	17	17	6,325	0	0
500-1000	25	25	13,126	67	63	42,385	3	1,685
1000-2500	40	38	42,696	155	151	209,427	2	4,200
2500-5000	7	7	25,200	130	110	338,065	2	6,870
5000-10000	5	4	18,800	71	66	431,731	1	9,000
10000-25000	1	1	10,000	72	55	709,035	1	17,500
25000-50000	0	0	0	33	20	574,300	0	0
50000-100000	1	1	48,300	13	9	599,400	0	0
100000-250000	0	0	0	8	5	768,600	0	0
250000-500000	0	0	0	5	2	554,600	0	0
>500000	0	0	0	75	3	2,071,230	0	0
TOTALS	86	83	160,462	692	508	6,371,228	9	39,255

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

WESTERN GULF

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	1	12,400	101	55	860,165	0	0
<=500	7	7	2,190	34	33	37,670	1	200
500-1000	17	17	16,476	82	78	55,460	1	720
1000-2500	23	21	25,360	179	169	283,750	1	800
2500-5000	7	7	24,500	131	110	419,085	0	0
5000-10000	4	4	23,000	75	67	496,446	0	0
10000-25000	1	1	10,300	66	50	796,200	0	0
25000-50000	1	0	1,400	26	20	755,400	0	0
50000-100000	0	0	0	11	9	666,300	0	0
100000-250000	0	0	0	12	4	808,300	0	0
250000-500000	0	0	0	10	1	628,000	0	0
>500000	0	0	0	51	3	2,446,050	0	0
TOTALS	63	58	115,626	778	599	8,252,826	3	1,720

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WESTERN GULF

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	66	86	6	20	3	6	4	4	6	4	9	5	1	16
500-1000	118	131	3	40	15	11	13	7	6	13	9	1	2	11
1000-2500	203	246	24	69	27	28	15	18	9	20	6	9	4	17
2500-5000	109	130	17	47	16	18	4	5	7	6	3	3	0	4
5000-10000	79	97	8	34	17	9	9	5	4	4	4	0	0	3
10000-25000	63	72	5	27	9	5	8	6	7	2	2	1	0	0
25000-50000	16	19	3	8	4	2	1	0	1	0	0	0	0	0
50000-100000	14	18	3	4	1	6	1	1	0	1	0	0	1	0
100000-250000	9	9	3	2	1	1	1	0	0	0	1	0	0	0
250000-500000	4	4	0	1	0	0	0	0	0	0	1	1	0	1
>500000	2	2	1	0	0	1	0	0	0	0	0	0	0	0
TOTALS	683	814	73	252	93	87	56	46	40	50	35	20	8	54

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
WESTERN GULF

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	70	91	31	48	0	0	0	3	1	2	2	0	0	0
500-1000	119	133	22	87	7	4	5	1	1	0	1	0	0	4
1000-2500	203	246	37	173	10	6	3	7	1	2	0	0	0	5
2500-5000	109	131	23	93	7	2	0	1	0	2	1	0	1	6
5000-10000	80	98	16	64	8	3	3	0	1	1	0	0	0	2
10000-25000	63	72	7	47	7	6	1	2	1	0	0	0	0	2
25000-50000	17	20	3	12	2	2	0	1	0	0	0	0	0	1
50000-100000	14	18	3	11	1	3	0	0	0	0	0	0	0	0
100000-250000	10	10	2	4	2	2	0	0	0	0	0	0	0	0
250000-500000	4	4	0	2	1	1	0	0	0	0	0	0	0	0
>500000	2	2	1	1	0	0	0	0	0	0	0	0	0	0
TOTALS	691	825	145	542	45	29	12	15	5	7	4	0	1	20

RUN DATE 68/12/20 PRELIMINARY

TABLE A-7B

WESTERN GULF

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.		0	0	0	2	5	0	1	6	0	0	14	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY		0	0	0	2	5	0	1	6	0	0	14	2094800
POPULATION SERVED		0	0	0	9200	68500	0	100000	1917100	0	0	0	2094800
SERVED COMM./FAC.		0	0	0	2	4	1	2	18	0	0	27	0
BELOW 500	1*	0	0	0	0	0	0	0	2	0	0	2	400
500 - 999	2*	0	0	0	0	1	0	1	0	0	0	2	1320
1000 - 4999	3*	0	0	0	1	2	1	1	6	0	0	11	17030
5000 - 9999	4*	0	0	0	1	1	0	0	3	0	0	5	35535
10000 - 24999	5*	0	0	0	0	0	0	0	4	0	0	4	47460
25000 - 49999	6*	0	0	0	0	0	0	0	3	0	0	3	112500
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	7000	10855	2000	2230	192160	0	0	0	214245

TABLE A-28

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

PACIFIC NORTHWEST

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	4	4	30,200	21	21	33,030	1	150
<=500	26	23	5,995	32	32	10,074	18	3,855
500-1000	37	34	23,010	40	39	45,935	21	12,095
1000-2500	45	41	69,175	56	55	78,190	24	31,400
2500-5000	21	19	71,480	36	35	105,415	10	27,085
5000-10000	14	14	107,660	22	19	130,900	6	31,000
10000-25000	15	15	202,100	15	15	229,500	3	51,300
25000-50000	10	9	308,160	3	2	71,000	0	700
50000-100000	1	1	45,000	0	0	0	0	0
100000-250000	2	2	210,000	0	0	0	0	60,000
250000-500000	1	1	364,000	0	0	0	0	0
>500000	3	1	71,000	2	0	53,730	0	433,300
TOTALS	179	164	1,507,780	227	218	757,774	83	650,885

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

PACIFIC NORTHWEST

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	11	7	192,590	24	20	249,650	1	450
<=500	25	21	431,684	53	53	18,614	8	1,640
500-1000	24	24	17,325	82	82	67,170	9	5,240
1000-2500	32	31	52,390	76	75	113,905	12	14,615
2500-5000	17	16	56,470	49	46	170,285	3	8,000
5000-10000	13	12	110,420	21	20	163,145	7	9,500
10000-25000	12	12	181,100	19	19	330,170	1	31,000
25000-50000	6	5	191,000	4	4	211,000	0	0
50000-100000	1	1	75,000	0	0	0	0	0
100000-250000	1	1	184,500	1	1	90,000	0	60,000
250000-500000	1	1	340,000	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	143	131	1,832,479	328	320	1,413,939	36	130,445

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
PACIFIC NORTHWEST

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	50	50	8	7	5	3	4	5	4	3	2	0	3	6
500-1000	70	72	5	13	2	6	6	3	6	13	7	2	2	7
1000-2500	116	117	3	14	10	7	12	17	13	11	9	5	4	12
2500-5000	56	57	1	5	2	6	7	5	1	11	7	3	4	5
5000-10000	32	34	0	2	1	2	5	3	3	4	7	2	4	1
10000-25000	35	38	2	3	1	2	1	2	5	8	4	6	2	2
25000-50000	11	12	0	1	0	3	1	1	1	3	1	1	0	0
50000-100000	5	6	0	0	0	1	1	0	0	3	1	0	0	0
100000-250000	2	2	0	0	0	0	0	0	0	2	0	0	0	0
250000-500000	2	2	0	0	0	0	0	1	0	0	0	1	0	0
>500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
TOTALS	380	391	19	46	21	30	37	37	33	58	38	20	19	33

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
PACIFIC NORTHWEST

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	68	68	38	18	3	1	0	1	1	2	2	0	0	2
500-1000	89	92	43	20	4	5	0	2	6	5	2	3	1	1
1000-2500	130	132	38	33	14	10	4	4	5	8	3	2	3	8
2500-5000	61	63	8	14	14	3	5	5	4	3	3	1	1	2
5000-10000	36	38	3	6	4	1	5	4	2	1	5	0	2	5
10000-25000	35	39	3	9	7	2	3	4	4	3	0	1	2	1
25000-50000	12	13	2	4	2	1	1	0	1	2	0	0	0	0
50000-100000	6	7	0	1	0	1	2	0	1	2	0	0	0	0
100000-250000	2	2	0	0	0	1	1	0	0	0	0	0	0	0
250000-500000	2	2	0	0	0	0	1	1	0	0	0	0	0	0
>500000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
TOTALS	442	457	136	105	48	25	22	21	24	26	15	7	9	19

RUN DATE 68/12/20

PRELIMINARY

TABLE A-7B

PACIFIC NORTHWEST

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.		0	0	2	3	4	1	0	1	0	0	11	0
NO TREATMENT		0	0	1	0	0	0	0	0	0	0	1	1000
PRIMARY		0	0	1	2	1	1	0	1	0	0	6	179000
SECONDARY		0	0	0	1	3	0	0	0	0	0	4	74700
POPULATION SERVED		0	0	7000	38700	84000	35900	0	89100	0	0	0	254700
SERVED COMM./FAC.		0	0	2	3	10	3	0	1	0	0	19	0
BELOW 500	1*	0	0	1	0	2	0	0	0	0	0	3	1050
500 - 999	2*	0	0	0	0	1	0	0	0	0	0	1	765
1000 - 4999	3*	0	0	1	2	5	3	0	1	0	0	12	32000
5000 - 9999	4*	0	0	0	1	0	0	0	0	0	0	1	10000
10000 - 24999	5*	0	0	0	0	2	0	0	0	0	0	2	24810
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	2300	15420	41995	6400	0	3500	0	0	0	69615

RUN DATE 68/12/16

TABLE A-2B

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

CALIFORNIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	11	11	799,275	36	31	306,810	4	4,050
<=500	13	9	4,100	19	16	6,825	4	1,100
500-1000	12	12	8,680	21	20	16,885	2	750
1000-2500	16	13	92,619	78	69	199,372	3	7,650
2500-5000	5	5	15,125	61	57	206,829	2	9,985
5000-10000	8	8	43,900	44	35	311,935	0	0
10000-25000	12	11	341,550	50	36	644,515	1	18,000
25000-50000	9	5	511,740	16	10	756,725	0	0
50000-100000	3	3	228,500	12	9	624,050	0	0
100000-250000	3	2	331,800	6	1	144,125	0	450
250000-500000	0	0	0	0	0	0	0	0
>500000	8	3	6,093,795	2	1	217,500	0	0
TOTALS	100	82	8,471,084	345	285	3,435,571	16	41,985

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

CALIFORNIA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	13	9	1,407,485	46	26	1,020,015	0	2,100
<=500	13	11	68,905	34	22	202,770	2	350
500-1000	9	9	6,805	46	43	59,275	0	0
1000-2500	11	10	24,265	79	74	240,340	2	6,540
2500-5000	4	3	52,000	70	65	323,630	1	5,500
5000-10000	9	7	84,600	42	37	439,265	0	0
10000-25000	14	13	361,660	51	32	825,385	1	5,000
25000-50000	6	4	191,000	17	11	654,480	0	0
50000-100000	5	5	401,690	10	7	701,400	0	0
100000-250000	2	1	265,000	6	2	861,900	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	7	2	8,197,000	9	1	27,040	0	0
TOTALS	93	74	11,060,410	410	320	5,355,500	6	19,490

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
CALIFORNIA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	24	43	0	3	0	3	2	3	2	4	1	2	2	21
500-1000	23	30	2	3	2	1	3	2	1	1	4	1	1	9
1000-2500	60	67	3	10	4	4	5	4	2	11	2	2	3	17
2500-5000	63	64	3	8	4	6	1	7	4	8	4	5	0	14
5000-10000	46	54	2	9	6	5	2	6	4	6	2	5	0	7
10000-25000	60	72	3	9	4	7	8	5	6	11	8	2	0	9
25000-50000	36	38	0	5	4	4	3	7	5	6	2	0	0	2
50000-100000	22	24	0	3	5	3	3	4	2	2	1	0	0	1
100000-250000	8	9	0	1	0	2	1	2	0	1	0	0	1	1
250000-500000	2	3	0	0	0	1	0	0	0	0	0	1	0	1
>500000	5	6	0	1	2	1	0	0	0	2	0	0	0	0
TOTALS	349	410	13	52	31	37	28	40	26	52	24	18	7	82

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
CALIFORNIA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	29	48	6	16	2	7	3	1	2	1	0	0	0	10
500-1000	26	33	12	12	2	1	1	1	0	1	1	0	0	2
1000-2500	69	76	11	34	3	3	7	3	7	3	1	0	0	4
2500-5000	68	69	9	28	13	5	4	3	1	1	1	2	0	2
5000-10000	49	57	5	31	6	4	4	4	0	1	0	0	1	0
10000-25000	60	72	3	33	19	8	4	1	1	3	0	0	0	0
25000-50000	36	38	1	21	6	2	4	2	1	1	0	0	0	0
50000-100000	22	24	3	11	7	2	1	0	0	0	0	0	0	0
100000-250000	8	9	0	6	2	1	0	0	0	0	0	0	0	0
250000-500000	2	3	0	0	1	0	1	0	1	0	0	0	0	0
>500000	5	6	0	3	2	1	0	0	0	0	0	0	0	0
TOTALS	374	435	51	195	63	34	29	15	13	11	3	2	1	18

RUN DATE 68/12/20

TABLE A-78

PRELIMINARY

CALIFORNIA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	1	2	13	7	16	12	9	9	0	0	69	0
NO TREATMENT	1	0	0	0	0	0	0	0	0	0	1	200
PRIMARY	0	0	6	2	8	3	5	8	0	0	32	7300135
SECONDARY	0	2	7	5	8	9	4	1	0	0	36	1096410
POPULATION SERVED	200	1600	53525	49945	412510	486900	558150	6833315	0	0	0	8396745

		1*	2*	3*	4*	5*	6*	7*	8*	9*	0*	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVED COMM./FAC.		0	2	17	11	27	25	15	88	0	0	185	0
BELOW 500	1*	0	0	3	1	3	1	0	1	0	0	9	2580
500 - 999	2*	0	1	4	2	4	2	2	0	0	0	15	13995
1000 - 4999	3*	0	0	8	5	15	6	4	14	0	0	52	163455
5000 - 9999	4*	0	0	2	2	0	8	4	9	0	0	25	151405
10000 - 24999	5*	0	1	0	1	4	4	3	20	0	0	33	472800
25000 - 49999	6*	0	0	0	0	1	4	1	22	0	0	28	862205
50000 - 99999	7*	0	0	0	0	0	0	1	14	0	0	15	903795
100000 - 249999	8*	0	0	0	0	0	0	0	6	0	0	6	652485
250000 - 499999	9*	0	0	0	0	0	0	0	2	0	0	2	711670
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	17600	30800	42085	129900	220190	144265	3439480	0	0	0	4024390

TABLE A-2B

RUN DATE 69/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

GREAT BASIN

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	11	7	281,500	0	0
<=500	4	4	1,850	9	8	2,430	2	750
500-1000	3	3	10,405	15	13	11,255	6	3,635
1000-2500	11	9	12,715	13	11	30,940	6	7,115
2500-5000	5	5	17,400	14	14	46,712	1	4,500
5000-10000	0	0	0	14	13	101,205	1	8,000
10000-25000	1	1	2,200	10	8	125,000	1	29,230
25000-50000	0	0	0	1	1	40,000	0	0
50000-100000	0	0	0	1	1	55,000	0	0
100000-250000	0	0	0	0	0	0	1	189,455
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	24	22	44,570	88	76	694,042	18	242,685

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

GREAT BASIN

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	3	2	1,375	15	12	390,780	0	0
<=500	3	3	800	12	12	7,270	4	790
500-1000	2	2	1,875	18	17	33,765	5	2,725
1000-2500	8	8	9,360	12	11	24,815	5	5,470
2500-5000	3	3	11,900	15	15	59,970	0	0
5000-10000	1	1	6,345	14	13	147,895	0	0
10000-25000	1	1	15,500	9	8	140,940	0	0
25000-50000	0	0	0	2	2	55,000	0	0
50000-100000	0	0	0	1	1	55,000	0	0
100000-250000	0	0	0	1	1	198,000	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	21	20	47,155	99	92	1,113,435	14	9,085

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
GREAT BASIN

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	5	2	1	0	0	0	0	1	0	1	0	0	0
500-1000	10	10	3	2	0	0	0	1	0	0	2	0	0	2
1000-2500	14	15	1	3	1	1	0	1	1	3	1	2	0	1
2500-5000	18	19	1	4	3	1	1	0	0	2	2	1	1	3
5000-10000	12	12	0	0	3	2	1	2	1	1	2	0	0	0
10000-25000	20	20	0	3	1	3	1	0	3	2	0	3	1	3
25000-50000	2	2	0	1	0	0	0	1	0	0	0	0	0	0
50000-100000	6	6	0	0	0	0	0	1	1	2	1	0	0	1
100000-250000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	0	0	0	1	0	0	0	0	0	0	0
TOTALS	89	91	7	14	8	7	4	6	7	11	9	6	2	10

TABLE A-6B

RUN DATE 69/02/11 PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
GREAT BASIN

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	11	12	7	4	0	0	0	0	0	0	0	0	0	1
500-1000	16	16	4	5	2	2	1	0	0	0	0	0	1	1
1000-2500	17	18	3	7	0	2	0	1	1	2	0	0	0	2
2500-5000	19	20	5	4	2	1	1	0	4	1	0	0	1	1
5000-10000	12	12	0	2	6	0	1	1	1	1	0	0	0	0
10000-25000	20	20	2	7	4	2	1	2	1	0	1	0	0	0
25000-50000	2	2	0	1	1	0	0	0	0	0	0	0	0	0
50000-100000	6	6	0	0	1	1	0	1	1	0	1	1	0	0
100000-250000	1	1	0	0	0	0	0	1	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
TOTALS	105	108	21	31	16	8	4	6	8	4	2	1	2	5

RUN DATE 68/12/20

TABLE A-7B

PRELIMINARY

GREAT BASIN

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		1	0	3	3	1	2	2	0	0	0	12	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		1	0	0	0	0	0	0	0	0	0	1	900
SECONDARY		0	0	3	3	1	2	2	0	0	0	11	280600
POPULATION SERVED		900	0	12100	23500	20000	70000	155000	0	0	0	0	281500

		1	2	3	4	5	6	7	8	9	0	COM./FAC.	POPULATION SERVED
SERVED COMM./FAC.		1	0	8	3	4	8	6	2	0	0	32	0
BELOW 500	1*	0	0	2	0	0	1	0	0	0	0	3	845
500 - 999	2*	1	0	4	0	1	1	0	0	0	0	7	6750
1000 - 4999	3*	0	0	2	3	2	3	3	0	0	0	13	28370
5000 - 9999	4*	0	0	0	0	0	3	2	0	0	0	5	41910
10000 - 24999	5*	0	0	0	0	1	0	0	1	0	0	2	19500
25000 - 49999	6*	0	0	0	0	0	0	0	1	0	0	1	26010
50000 - 99999	7*	0	0	0	0	0	0	1	0	0	0	1	70000
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		750	0	9800	8600	20000	35430	90295	28510	0	0	0	193385

TABLE A-2B

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

ALASKA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	6	1,375
500-1000	0	0	0	0	0	0	4	2,440
1000-2500	0	0	0	0	0	0	5	5,805
2500-5000	0	0	0	0	0	0	2	5,200
5000-10000	0	0	0	0	0	0	2	12,800
10000-25000	1	1	10,000	0	0	0	0	0
25000-50000	0	0	0	0	0	0	1	24,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	1	1	10,000	0	0	0	20	51,620

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

ALASKA

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	1	1	400	0	0
<=500	3	3	335	0	0	0	6	1,375
500-1000	1	1	760	0	0	0	3	1,680
1000-2500	0	0	0	0	0	0	5	5,805
2500-5000	1	1	2,100	0	0	0	1	3,100
5000-10000	0	0	0	0	0	0	1	12,800
10000-25000	1	1	10,000	0	0	0	0	0
25000-50000	0	0	0	0	0	0	1	24,000
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	6	6	13,195	1	1	400	17	48,760

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
ALASKA

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	1	0	0	0	0	1	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	2	2	0	0	0	0	1	0	0	1	0	0	0	0

TABLE A-6B

1968 MUNICIPAL WASTE INVENTORY
ALASKA

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	1	0	1	0	0	0	0	0	0	0	0	0	0
500-1000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
1000-2500	1	1	0	1	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	1	1	0	0	0	0	0	0	0	1	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	4	4	1	2	0	0	0	0	0	1	0	0	0	0

RUN DATE 68/12/20

PRELIMINARY

TABLE A-7B

ALASKA

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	TOTALS POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0
SERVED COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2B

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

HAWAII

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	2	2	340	0	0
500-1000	1	1	75	0	0	0	1	500
1000-2500	0	0	0	0	0	0	2	2,700
2500-5000	1	1	500	1	0	300	2	5,225
5000-10000	3	2	12,080	1	0	6,750	2	15,325
10000-25000	1	1	4,020	2	1	9,850	1	4,225
25000-50000	1	1	8,725	3	0	16,535	1	5,100
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	1	0	920	0	0	0	1	269,000
>500000	0	0	0	0	0	0	0	0
TOTALS	8	6	26,320	9	3	33,775	10	302,075

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

HAWAII

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	1	1	15,940	10	4	15,600	0	0
<=500	2	2	11,000	1	1	2,000	0	0
500-1000	0	0	0	0	0	0	1	500
1000-2500	0	0	0	1	1	2,500	2	2,700
2500-5000	1	1	600	0	0	0	1	5,500
5000-10000	1	1	2,500	0	0	0	2	17,000
10000-25000	0	0	0	2	1	24,800	0	0
25000-50000	1	1	6,500	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	1	350,000
>500000	0	0	0	0	0	0	0	0
TOTALS	6	6	36,540	14	7	44,900	7	375,700

TABLE A-5B

RUN DATE 69/02/12

1968 MUNICIPAL WASTE INVENTORY
HAWAII

PRELIMINARY

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	4	0	0	0	0	0	0	0	1	1	1	0	1
500-1000	2	2	0	1	0	0	0	1	0	0	0	0	0	0
1000-2500	3	4	0	1	0	0	0	1	0	0	0	0	0	2
2500-5000	2	5	1	3	0	0	0	1	0	0	0	0	0	0
5000-10000	3	3	0	0	0	0	0	1	1	0	0	0	0	1
10000-25000	2	2	0	1	0	0	0	0	0	0	0	1	0	0
25000-50000	1	1	0	0	0	0	0	0	0	0	1	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	14	21	1	6	0	0	0	4	1	1	2	2	0	4

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
HAWAII

	TOTAL		INDICATED LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	1	4	0	2	0	0	0	0	0	1	0	0	0	1
500-1000	2	2	0	1	0	0	0	1	0	0	0	0	0	0
1000-2500	3	4	0	2	0	0	0	0	0	0	0	0	2	0
2500-5000	2	5	1	4	0	0	0	0	0	0	0	0	0	0
5000-10000	3	3	0	1	1	0	1	0	0	0	0	0	0	0
10000-25000	2	2	0	1	1	0	0	0	0	0	0	0	0	0
25000-50000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	14	21	1	12	2	0	1	1	0	1	0	0	2	1

RUN DATE 68/12/20

TABLE A-7B

PRELIMINARY

HAWAII

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	 POPULATION SERVED
SERVING COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
NO TREATMENT	0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY	0	0	0	0	0	0	0	0	0	0	0	0
SECONDARY	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0

SERVED COMM./FAC.	0	0	0	0	0	0	0	0	0	0	0	0
BELOW 500 1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999 2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999 3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999 4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999 5*	0	0	0	0	0	0	0	0	0	0	0	0
25000 - 49999 6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999 7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999 8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999 9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE 0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2B

RUN DATE 68/12/16

PRELIMINARY

1962 MUNICIPAL WASTE INVENTORY

PUERTO RICO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES IDENTIFIABLE	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	1	1	280	1	1	70	0	0
1000-2500	11	11	2,895	8	8	1,709	0	0
2500-5000	16	16	7,505	8	8	7,125	3	615
5000-10000	5	5	4,610	5	5	4,745	1	540
10000-25000	1	1	1,165	1	1	850	3	4,440
25000-50000	0	0	0	1	1	5,340	1	4,415
50000-100000	0	0	0	0	0	0	1	6,360
100000-250000	0	0	0	0	0	0	1	10,310
250000-500000	1	1	58,660	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	35	35	75,115	24	24	19,839	10	26,680

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

PUERTO RICO

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	1	1	280	1	1	1,145	0	0
1000-2500	11	11	11,995	8	8	13,850	0	0
2500-5000	16	16	21,314	8	8	71,150	2	495
5000-10000	4	4	10,385	6	6	26,610	1	540
10000-25000	1	1	1,200	1	1	5,500	3	4,460
25000-50000	0	0	0	1	1	39,600	1	4,415
50000-100000	0	0	0	0	0	0	1	4,360
100000-250000	0	0	0	0	0	0	1	12,310
250000-500000	1	1	450,000	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	34	34	495,174	25	25	157,855	9	26,560

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
PUERTO RICO

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	5	0	1	0	0	0	0	0	0	1	0	0	3
500-1000	6	6	0	2	0	0	1	0	1	0	1	1	0	0
1000-2500	9	9	1	4	1	0	0	0	0	1	0	0	0	2
2500-5000	9	9	3	4	0	0	0	1	0	0	0	0	0	1
5000-10000	3	3	2	1	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	0	1	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	34	34	7	13	1	0	1	1	1	1	2	1	0	6

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
PUERTO RICO

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	5	5	0	1	0	0	0	0	0	0	0	1	1	2
500-1000	7	7	1	1	0	1	0	1	0	1	1	1	0	0
1000-2500	18	18	7	4	2	1	2	0	1	1	0	0	0	0
2500-5000	16	16	10	5	0	0	0	0	0	1	0	0	0	0
5000-10000	5	5	2	3	0	0	0	0	0	0	0	0	0	0
10000-25000	2	2	2	0	0	0	0	0	0	0	0	0	0	0
25000-50000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	1	1	1	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	55	55	24	14	2	2	2	1	1	3	1	2	1	2

RUN DATE 68/12/20

PRELIMINARY

TABLE A-7B

PUERTO RICO

JOINT TREATMENT FACILITIES

1962 MUNICIPAL WASTE INVENTORY

		1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *	0 *	TOTALS COM./FAC.	POPULATION SERVED
SERVING COMM./FAC.		0	0	0	0	0	0	0	1	0	0	1	0
NO TREATMENT		0	0	0	0	0	0	0	0	0	0	0	0
PRIMARY		0	0	0	0	0	0	0	1	0	0	1	58660
SECONDARY		0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	58660	0	0	0	58660
SERVED COMM./FAC.		0	0	0	0	0	0	0	1	0	0	1	0
BELOW 500	1*	0	0	0	0	0	0	0	0	0	0	0	0
500 - 999	2*	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 4999	3*	0	0	0	0	0	0	0	0	0	0	0	0
5000 - 9999	4*	0	0	0	0	0	0	0	0	0	0	0	0
10000 - 24999	5*	0	0	0	0	0	0	0	1	0	0	1	10960
25000 - 49999	6*	0	0	0	0	0	0	0	0	0	0	0	0
50000 - 99999	7*	0	0	0	0	0	0	0	0	0	0	0	0
100000 - 249999	8*	0	0	0	0	0	0	0	0	0	0	0	0
250000 - 499999	9*	0	0	0	0	0	0	0	0	0	0	0	0
500000 AND ABOVE	0*	0	0	0	0	0	0	0	0	0	0	0	0
POPULATION SERVED		0	0	0	0	0	0	0	10960	0	0	0	10960

TABLE A-4B

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY

VIRGIN ISLANDS

1960 CENSUS	PRIMARY			SECONDARY			NO TREATMENT	
	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	TOTAL # OF PLANTS	# OF COMMUNITIES	POPULATION SERVED	NO. OF COMMUNITIES	POPULATION SERVED
UNKNOWN	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	1	3,215
2500-5000	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	1	7,553
10000-25000	0	0	0	0	0	0	1	21,000
25000-50000	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	3	31,768

TABLE A-5B

RUN DATE 69/02/12

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
VIRGIN ISLANDS

	TOTAL		DESIGN LOADING / DOMESTIC LOADING RATIO (NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)											
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-6B

RUN DATE 69/02/11

PRELIMINARY

1968 MUNICIPAL WASTE INVENTORY
VIRGIN ISLANDS

INDICATED LOADING / DOMESTIC LOADING RATIO
(NO. OF PLANTS IN SIZE CATEGORY <=RATIO OF)

	TOTAL													
	COMM. SRVD	NO. OF PLANTS	<= 0.5	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0	3.5	4.0	>4.0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500-1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000-2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500-5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000-10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000-25000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25000-50000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50000-100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100000-250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250000-500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>500000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

COMMENTS FROM STATE AGENCIES ON THE COST OF CLEAN WATER

STATE OF ALASKA
Department of Health and Welfare

August 22, 1968

Mr. James Agee, Regional Director
Regional Office, Northwest Region
Federal Water Pollution Control Administration
Room 570, Pittock Block
Portland, Oregon 97205

Dear Mr. Agee:

The report "Cost of Clean Water," Volume IV, State and Major River Basin Municipal Tables has been received and reviewed. It is a most interesting and useful summary.

Comments noted during our review of the report may be useful to you, and we are transmitting them for your use:

1. The footnote referenced for Alaska in the data on page six of the report is incorrect. The current standards require secondary treatment or its equivalent. In instances where it may be demonstrated that the standards can be met with primary treatment, the secondary treatment may be waived.

2. The dollar value figures used for Alaska in the table on page six are not current data and are exceedingly low. The figures are apparently figures which were used prior to adoption of the current standards.

3. Data for Alaska on page thirty-three is not consistent with data for Alaska on page six. I assume that this is simply a typographical error.

Thank you for the opportunity to review and comment upon the report.

Sincerely yours,

James A. Anderegg, Chief
Branch of Environmental Health

JAA:cac

STATE OF ALASKA
Department of Health and Welfare

August 9, 1968

Mr. James Agee, Regional Director
Federal Water Pollution Control Administration
Northwest Region
Room 570, Pittock Block
Portland, Oregon 97205

Dear Mr. Agee:

The copy of "The Cost of Clean Water" Volume II, Detailed Analyses which was sent to us by your office is very much appreciated. The report has been reviewed and the following comment is offered:

1. Data for Alaska as shown in Table 1-3A are currently incorrent since Alaska treatment requirements are essentially as expressed in assumption number 2 on page 4 of the report. The Alaska figure should probably be increased by a factor of approximately 20 to 30 percent to correct this error.

2. It also appears that the figures in Table 1-3A have not been adequately adjusted to accommodate the higher construction costs extant in Alaska. With adjustment for higher costs, the figure shown should be increased approximately 40 percent.

3. The footnote about Alaska, shown on page 13 should be changed to reflect the content of current standards.

4. It is doubtful if it would be correct, other than for ease for computation, to group Alaska with the West as shown in the Analyses on page 28 of the report.

5. Holding tank analyses as shown on pages 30 and 31 may not be applicable in those parts of Alaska where permafrost exists.

6. The figures shown for Alaska on page 38 are only about twenty percent of the current need and should be increased appropriately.

7. Table 11 - 1 on pages 60 and 61 should be expanded to reflect conditions in one of the most important industries in the Pacific Northwest, namely the seafood industry. This industry is one of the most significant industries in Alaska and blanketing it in under SIC code 203 information, if this is where it is included would not place adequate attention on the problems of wastes from this industry.

8. We are not aware that sufficient work has been done in establishing a profile of wastes from the seafood industry to meaningfully include it in the composite of information contained under the heading of "Food and Kindred Products" shown in the Table II - 7 shown on page 74 of the report. We assume of course that this is the category under which seafood waste data would appear. There is a dearth of information, reliable or otherwise, on flows and strengths of seafood wastes.

9. We would be interested in knowing the intended units for nomenclature on the chart shown on page 80.

10. In Alaska we are, to some degree, heat conscious in design and operation of facilities. Waste heat is waste money. We emphasize heat salvage and use which helps prevent pollution by the most useful of all techniques - elimination of the pollution at the source rather than later trying to make corrections. In the conclusions on page 137, it would appear worthwhile to mention the importance of heat salvage where possible and the achievement of a double benefit.

Thank you for making it possible for us to comment upon the report and if we may provide any further information, please advise.

Sincerely yours,

J. Scott McDonald
Commissioner

AJA:slb

STATE OF ALASKA
Department of Health and Welfare

February 15, 1968

Mr. R. F. Poston, Regional Director
Federal Water Pollution Control Administration
Regional Office
Room 570, Pittock Block
Portland, Oregon 97205

Dear Sir:

This refers to your letter of January 30, 1968, which forwarded the summary report, "The Cost of Clean Water" and asked for our review and comments on the cost estimates of this report.

Our 1968 Alaska State Program Plan for Water Pollution Control lists 18 communities requiring secondary treatment with an estimated total cost of $35.1 million. This total and the rough estimates for those communities, not in the foregoing plan but listed in the Water Quality Standards, which amounts to about $1.25 million, totals $36.35 million.

These rough figures in present dollars include not only treatment but the necessary sewer collection system. They do not include industrial plants (pulp mills and chemical plants) nor costs for the approximately 80 seafood processors located outside of communities that will eventually have sewage treatment of some sort. Note that these costs are very rough since in most of these localities construction figures are most difficult to obtain and often vary widely as to availability of construction talents in the area.

To demonstrate examples of the relatively high development costs, please note that the Carlanna Lake District addition at Ketchikan (sewer system only) for a present population of about 525 (ultimate, 3,000) will cost $548,000. At North Pole (population of 625, ultimate about 1,200), system plus treatment is estimated at $593,000. Eagle River, an Anchorage subdivision, estimates collection and treatment at $3,970,000 for a population of 6,000, ultimately.

It appears, based on the foregoing, that the Capital Outlays needed (Table 2, page 11 of the report) for Alaska should be revised upward. Further, that Table 5 (page 15) has no relation to costs in this State.

Sincerely yours,

J. Scott McDonald
Commissioner

JSM:cf

STATE OF ARIZONA
Arizona State Department of Health

March 1, 1968

William B. Schreeder, Regional Director
Federal Water Pollution Control Administration, USDI
Southwest Region
100 McAllister Street
San Francisco, California 94102

Dear Mr. Schreeder:

Members of our staff have performed a cost estimate for waste treatment facilities which was similar in content to the one in Volume I. Our results corresponded to yours within a few percent.

We are anticipating receiving Volumes II, III and IV so that we also may analyze cost figures in greater detail.

Sincerely,

Edmund C. Garthe
Director and Chief Engineer
Division of Environmental Health

STATE OF CALIFORNIA
Division of Water Quality

April 3, 1968

Mr. William B. Schreeder
Regional Director
Federal Water Pollution Control Adm.
100 McAllister Street
San Francisco, California 94102

Dear Mr. Schreeder:

Enclosed are two copies of a report titled "An Estimate of Sewerage Facility Needs for California Public Agencies, 1968-1972 Volume I". This is a summary report of California's sewerage facility needs.

You requested information on significant differences between cost estimates in the federal and state's reports. You will note that in spite of the different methods of arriving at estimated needs, California's five year estimated needs for sewage treatment facilities (exclusive of collection systems) is $530 million. This is in fair agreement with the estimated need presented in your report of $645.2 million.

However, we do not agree with the findings given in columns 3 and 4 of Table 2 of your report.

The report estimates that the upgrading of California's facilities to secondary treatment in the next five years will require only $2 million. This figure is far too low as we know that the City of Sacramento project cost for providing secondary treatment is in excess of $7 million.

Column 4 lists California's needs for providing facilities for untreated urban wastes as $370.5 million. This is misleading and implies that many of California's urban areas are without any treatment facilities. We conclude that this figure provides for sewering all areas now served by septic tanks.

We would be glad to discuss these reports further with you.

Sincerely,

Paul R. Bonderson, Chief
Division of Water Quality

STATE OF COLORADO
Department of Public Health

February 19, 1968

Mr. Gary L. Fisk
Acting Regional Director
Federal Water Pollution Control Administration
U. S. Department of the Interior
601 East 12th Street
Kansas City, Missouri   64106

Dear Mr. Fisk:

We have reviewed "Volume 1, Summary Report, The Cost of Clean Water" as requested by your letter of January 24, 1968.

We have no comments or corrections to make on the cost estimates as shown in the report.

We do not agree with Table 3, page 12, of the report. Based upon our field inspections and test data, the report is quite erroneous. We do not know the source of the data, but we refer you to Part D, Plan of Implementation of our report "Stream Classification for Surface Waters of Colorado" June, 1967, copies previously furnished all FWPCA offices. Table 1 (revised November, 1967) and Table 2 give the status of domestic wastes in Colorado. Since the November revision, Fort Collins, population 31,000, and Pueblo, population 97,000, have completed additional sewage treatment works. We request that Table 3, page 12, of the FWPCA report be revised as follows for Colorado:

Total Urban population	1,801,000
Population with adequate treatment	1,489,000
Population with less than adequate treatment	312,000
Population with no treatment	10,000
Percentage of population with less than adequate or no treatment	17.3

Please make the above corrections and furnish us with a copy of the revised report or errata sheets.

Very truly yours,

FOR DIRECTOR, WATER POLLUTION CONTROL DIVISION

Earl T. Balkum, P.E.
Associate Public Health Engineer

ETB:mgc

STATE OF CONNECTICUT
Water Resources Commission

April 10, 1968

Mr. Lester M. Klashman
Regional Director
Federal Water Pollution Control Administration
John F. Kennedy Federal Building
Boston, Massachusetts 02203

Dear Mr. Klashman:

Reference is made to your recent letter requesting our comments on the publication "The Cost of Clean Water", Volume I, Summary Report. Our comments are limited to Tables II and III on pages 11 and 12 respectively and the second paragraph on page 16.

We note that the estimated Total (Current Dollars) needed to obtain adequate municipal waste water treatment in Connecticut is 188.3 million dollars. Our cost estimates indicate that 200 million dollars is more accurate figure, however, we do not have readily available a further breakdown of this figure as in Table II. Our per-project cost estimates were submitted to you as part of our Fiscal Year 1968 Program Plan Grant Application.

By policy the Water Resources Commission uses a 20-year design period for all municipal waste treatment facilities. Therefore, we do not concur with the 5-year period used in Table II, as indicated by footnote number 1, and on page 16.

With respect to Table III, we do not know the basis on which the Total Urban Population figure is obtained. Inasmuch as our total State population is now just a shade under 3 million, the 2.342 million urban population figure appears quite high. Based on a per capita contribution of 100 gallons per day and our total estimated municipal waste water flow, it appears that this figure would be closer to 2 million. On this same basis, our flow figures would indicate adequate treatment is being provided for 570,000 people, less than adequate for 1,360,000 people, and no treatment for under 100,000 people. We, therefore, disagree completely with the 744,000 figure in the next to last column in Table III. We presume that such a large figure is arrived at through the use of such a figure as Total Urban Population which in itself does not indicate directly areas which must be sewered and definitely not the population contributing to raw sewage discharges. Any layman reading this publication would certainly feel that this last column indicates that sewage from this population is now discharged untreated, when actually it is merely the figure resulting from subtracting population with adequate and less than adequate treatment from the rather questionable figure of total urban population. We consider this a misrepresentation of the problem which actually exists. From our flow figures the Percentage of Population with less than Adequate or None is approximately 70%.

We certainly hope that in the future more care and accuracy will be used in developing such publications.

Very truly yours,

Merwin E. Hupfer
Principal Sanitary Engineer

MEH:jch

STATE OF DELAWARE
Water and Air Resources Commission

May 29, 1968

Mr. Rocco D. Ricci, P.E., Chief
Construction Grants Activities
N.Y., N.J., & Del.
Federal Water Pollution Control
Administration
Edison, New Jersey 08817

Dear Mr. Ricci:

I regret the delay in submitting our critique of the report entitled "The Cost of Clean Water." However, I hope the following will meet your needs.

We were very pleased at the attempt made by the Federal Water Pollution Control Administration to undertake the task of finding out what the cost of clean water is. It is a large and unenviable task and we recognize that there are definite problems in assessing the cost of clean water. If, as is repeatedly said, the citizen is interested in clean water regardless of cost, our commitment should be towards quick and effective implementation with cooperation among all concerned.

However, we find that there are some changes proposed in the financing structure of the present Construction Grants Program which will seriously hinder our efforts in meeting the water quality standards within a reasonable period of time. We strongly support the present method of financing with increased outlays from the Federal government as required, thereby eliminating the need for new guidelines, rules and application forms and the resulting confusion.

It is difficult to question the estimated cost of construction of municipal waste treatment plants and interceptor sewers for the entire nation. However, we find that the basis used for arriving at such costs, namely, the 1962 inventory of municipal water treatment was a poor choice. The information contained in that report does not reflect the existing conditions as far as Delaware is concerned. For example, in Table No. 2, $4.5 million were allocated for construction of facilities for untreated wastes in Delaware. This figure is not valid because there are practically no untreated municipal wastes going into our waterways. The cost of upgrading certain existing facilities may be reasonable and more exact estimates will be available after receipt of preliminary plans from each municipality under orders to upgrade treatment.

In Table No. 3, it is claimed that the percentage of the population with less than adequate or no treatment for Delaware is 97.5 percent. This analysis is again based on the 1962 inventory and misrepresents the conditions in Delaware.

The total population of the State for the year 1967 is estimated at approximately 527,000. Of the three counties, New Castle County is the most populous with 376,000 persons. Kent and Sussex Counties have approximately 81,500 and 78,500 persons respectively. The New Castle County sewer system, which is connected to the Wilmington sewage treatment plant, serves approximately 334,000 persons. As you are aware, the Wilmington treatment plant is adding aeration units to raise the level of treatment and to meet the water quality standards by 1972.

In Kent County, approximately 38,300 persons live in municipalities and approximately 34,300 persons are served by town sewer systems, most of which provide secondary treatment. In Sussex County, approximately 26,500 live in municipalities and about 21,600 are served by town sewer systems, all having at least primary treatment and some with secondary treatment. Those without secondary treatment are under orders to provide additional treatment, except the Town of Milton.

From this information, it can be seen that approximately 74 percent of the State's population is served by sewer systems all having at least primary treatment. The remaining 26 percent live in sparsely populated rural areas which cannot economically support large-scale sewer systems. By including them in the population figure with less than adequate treatment, as shown in Table No. 3, a true picture of the conditions in Delaware is not presented. Of the 390,000 persons presently served by the sewer system 36,100 have secondary treatment. Approximately 332,500 will have intermediate treatment by June 1968. The remaining 18,300 are under orders to provide secondary treatment by 1972. The two exceptions claimed under water quality standards abatement plan are Delaware City with a population of 1,653 and the Town of Milton with a population of 1,442.

For your information, a report entitled "Delaware's Population 1967" is enclosed.

The time base used; namely, 5 years, for reaching the water quality standards is, in our opinion, by and large unrealistic. With the tight money situation, Federal financing problems and shortage of engineers, we feel that the 1972 deadline as required by the Federal Water Pollution Control Administration will not be met. A realistic time base of 10 to 15 years must be used in most cases.

By 1980, in most highly urbanized and industrialized regions, secondary treatment may not be sufficient to meet the water quality standards and we feel that tertiary treatment will be required. With tertiary treatment, the true cost of clean water will jump significantly.

Although storm water treatment may be preferred in large metropolitan areas, there are a number of small towns which could quite easily separate their storm and sanitary sewers at minimum cost. Such separation should be encouraged and an attempt should be made to differentiate large metropolitan areas and the small towns.

The wastes from agricultural sources, such as feed lots and farm runoff, are not significant in Delaware at the present time. However, in view of the difficulty in controlling certain natural sources of pollution, we have to recognize the fact that there is a base level of water quality beyond which further enhancement is not possible.

If we can be of further assistance, please feel free to contact us.

Very truly yours,

N. C. Vasuki, P.E.
Assistant Director

NCV:my

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Public Health

March 11, 1968

Mr. Lloyd W. Gebhard
Regional Director
U. S. Department of the Interior
Federal Water Pollution Control
  Administration
Middle Atlantic Region
918 Emmet Street
Charlottesville, Virginia   22901

Dear Mr. Gebhard:

Reference is made to your letter dated January 25, 1968 in which you request our review of "The Cost of Clean Water, Volume I:"

1. Table 2, page 11 shows the current and constant dollar capital outlays for the District of Columbia (F.Y. 1969-1973) to be 23.0 and 21.4 million dollars, respectively. Current estimates by the D. C. Department of Sanitary Engineering put the value of improvements to the D. C. Water Pollution Control Plant at 43.7 million dollars during fiscal years 1969 through 1973.

2. Footnote 3 should include a similar statement concerning Maryland.

If we can be further assistance, please let me know.

Very truly yours,

William H. Cary, Jr., P.H.
Associate Director for Environmental
  Health

STATE OF HAWAII
Department of Health

March 5, 1968

Mr. William B. Schreeder
Regional Director
Federal Water Pollution Control Administration
100 McAllister Street
San Francisco, California 94102

Dear Mr. Schreeder:

On January 23 you forwarded to us two copies of a Report entitled "The Cost of Clean Water," Volume I, for review and comment as to any significant differences between the cost estimates in the report and our own cost estimates. On February 26 you wrote us a follow-up letter concerning the information requested.

The listing relative to Hawaii in Table 2 on page 11 of the Report grossly underestimates the probable cost for construction of municipal waste treatment plant and intercepting facilities to attain water quality standards during the 5 year period FY 1969-1973. A total capital outlay of $35.5 million (constant dollars) is indicated in Table 2 for Hawaii. This figure, in our opinion, underestimates the probable capital outlay when applied only to the needed treatment-disposal facilities. The probable cost would more likely approach 90 million dollars with the intercepting facilities included in the cost projections.

Very sincerely,

WALTER B. QUISENBERRY, M.D.
Director of Health

EXECUTIVE CHAMBERS
Honolulu

April 26, 1968

Dear Mr. Nalesnik:

Thank you for the Report on the Cost of Clean Waters which was sent to me on April 9, 1968. I appreciate the need for such a comprehensive analysis of the national problem and also the difficulties associated with and the efforts involved in such an undertaking.

Unfortunately, the information contained in this kind of Report is often extrapolated beyond the scope originally intended. For example, on April 18, 1968 an article appeared in our local morning paper which stated in part that "The U. S. Department of the Interior has estimated it will cost between $35 million and $40 million to obtain adequate municipal waste treatment for Hawaii. The figure, representing a five year period between fiscal years 1969 and 1973, is contained in a new report, "The Cost of Clean Water," presented to Congress earlier this year . . . . This figure contrasts with earlier predictions for Hawaii which ranged from a low $60 million to a high of $500 million. The $500 million figure was pulled out of a hat during Hawaii's debate over water quality standards for the State . . . ."

On page 3 of Volume II (Detailed Analyses) of the Report I received, the basic assumptions involved in your study are given. The assumptions are: (1) Adequate treatment to attain water quality standards is required for the total urban population of the United States; (2) Adequate treatment is defined as at least secondary type of waste treatment, except for those areas where primary waste treatment has been or is likely to be approved as conforming to water quality standards; and (3) Municipal waste treatment essential for the standards will be attained nationally by the end of Fiscal Year 1973.

The $500 million figure referred to above was expressed as being representative of the magnitude of the problems involved, in the opinion of the representatives of the county governments here, if the severest interpretation of the requirements contained in our Standards then being developed were to be applied in Hawaii and all of the needed public works in response to such requirements were to be accomplished by June 31, 1973. If the "municipal waste treatment essential for the Standards" is to be attained nationally and locally by the end of Fiscal Year 1973, then the $35 million figure referred to in the Report as representing Hawaii's costs to construct the needed municipal treatment plants and interceptor sewers would appear to me to be far too low.

My comments are not intended to be a criticism of your efforts in having prepared this Report. As a practical matter, the $35 million figure that you indicate would probably come close in approximating the public works level for sanitary facilities to be initiated in Hawaii during the period, Fiscal Years 1969-1973, although as I have indicated earlier, this would by no means accomplish the objective that municipal waste treatment essential for the Standards be attained by the end of Fiscal Year 1973.

With warm personal regards. May the Almighty be with you and yours always.

Sincerely,

Mr. Richard P. Nalesnik
Director, Program Review and Evaluation Staff
Federal Water Pollution Control Administration
Washington, D. C. 20242

STATE OF ILLINOIS
Sanitary Water Board

May 29, 1968

FWPCA - Cost Estimates

Mr. Allan Hirsch
Federal Water Pollution Control Assoc.
633 Indiana Avenue, N.W.
Washington, D. C. 20203

Dear Mr. Hirsch:

We have reviewed your letter of April 19, 1968 inquiring regarding the basis for assembling cost estimates of sewage works needs through year 1980. Our tabulation totaled $556.5 million for period 1969-1971 vs Department of Interior total estimate of $399.4 million. Our basic curves were developed from basic actual construction cost data from 1952 to 1962 and construction under the PL 660 grant program 1957 to 1967. These curves were then projected on the basis of backlog of grant applications and anticipated construction needs.

The Anticipated Sewage Treatment Needs values are demographically distributed projections of demonstrated construction costs data adjusted to reflect increased costs, enhanced treatment, population variances, and governmental assistance functions. Base data is that reported in publications of the United States Public Health Service and the Federal Water Pollution Control Administration, along with information contained in the files of the Illinois Department of Public Health. Verification and control was exercised by comparative studies with information obtained through detailed studies of six counties typifying characteristic areas of the State. Population figures were obtained from the Illinois Department of Business and Economical Development.

Values for known construction costs for waste treatment in Illinois were plotted by year. Although the limited data evidenced scatter a linear projection was applied. This projection was altered in consideration of changing treatment requirements reflecting treatment enhancement demand, increases in costs and population, as well as the effects of State and Federal assistance programs. It is obvious that the course of these variables cannot be definitively determined and therefore these estimates should be subjected to review and revision with the advent of additional experience. Although the resulting adjusted curve is comprised of four linear segments, values for the total state were extrapolated directly from the graph without attempting equation derivation. Total state values were demographically distributed by county.

Sewage collection costs were determined to approximate seventy-three per cent (73%) of the sewage treatment facility costs. Hence, this factor was applied to sewage treatment needs values to determine total anticipated costs for sewage collection and treatment needs in Illinois during the subject years.

Very truly yours,

C. W. Klassen
Technical Secretary

DBM:mh

STATE OF KANSAS
State Department of Health

October 30, 1968

Mr. John M. Rademacher
Acting Regional Director
Federal Water Pollution Control Adm.
911 Walnut Street-Room 702
Kansas City, Missouri 64106

Re: Comments regarding U.S. Department of Interior
(FWPCA) publications - The Cost of Clean Water.
Volume I thru IV.

Dear Mr. Rademacher:

We believe the above referenced publications are a valuable guide which could be used in estimating the cost of broad scale treatment works. However, to date we have not sufficiently utilized the publications to warrant their compilation.

Sincerely yours,

Environmental Health Services

LaVern R. Heble, P.E.
Acting Chief
Water Pollution Control Section

LRH:jf

STATE OF MAINE
Water and Air Environmental
Improvement Commission

March 19, 1968

Mr. Lester A. Sutton
Construction Grants Program Director
United States Department of Interior
Federal Water Pollution Control Admin.
Northeast Region
JFK Federal Building (Room 2303)
Boston, Massachusetts 02203

Attention: Mr. Stuart C. Peterson, Chief
New England Section

Gentlemen:

Subject: "The Cost Of Clean Waters" Volume I Summary Report

This letter is in reply to Mr. Klashman's letter dated February 2, 1968 relative to the subject report. After reviewing the report and especially tables 2 and 3 on pages 11 and 12, respectively, the only comment we have is that the total published costs and other pertinent data does not in our opinion come close to approximating the true cost of needed sewerage and waste treatment facilities for the State of Maine. The published costs seems to have ignored completely the costs as presented in the State Plan and also previous tabulations of costs which have been submitted to the Regional Office of the Federal Water Pollution Control Administration and to the best of our knowledge were forwarded to the Washington Office.

No additional detailed costs are being submitted at this time as we believe your office presently has all of this information on file.

Very truly yours,

George C. Gormley
Civil Engineer
Planning and Grant Programs
Water & Air Environmental
Improvement Commission

GCG:lm

STATE OF MARYLAND
Department of Health

March 19, 1968

Mr. Lloyd W. Gebhard, Regional Program Director
United States Department of the Interior
Federal Water Pollution Control Administration
918 Emmet Street
Charlottesville, Virginia 22901

Dear Mr. Gebhard:

This will acknowledge receipt of five copies of "The Cost of Clean Water - Volume III, Industrial Waste Profiles." The material contained in these booklets will be of considerable help to us as we work with communities where industrial wastes are involved.

You will recall that you forwarded us copies of Volume I in the latter part of January and that Mr. Coulter informed you that this material had been referred to our Division for analysis. We withheld comments assuming that Volumes II, III, and IV would be available within a few weeks. As we still have not received all of this material, we will comment on Volume I at this time.

On Page 15, Table 5, it gives the per capita cost for various types of projects, but for some reason does not show any cost figures where secondary treatment is provided with trickling filters. As this type of treatment could vary considerably from the figures provided for activated sludge, we are of the opinion that some cost data should be made available.

In the same Table, the cost of stabilization ponds is shown with the notation that land costs are not included. As land costs are frequently a major item when these ponds are utilized, we are of the opinion that these costs should be included even though they are not eligible for Federal participation.

Although the figures given for costs are an average and are based on projects constructed under Public Law 660, the varying wage rates would have a heavy impact on these costs. At the present time, these rates for common labor in Maryland vary from $1.50 to $3.10, so that using an average figure would not be of much help to us when we are discussing probable costs with communities that are planning to proceed with a sewerage project.

Very truly yours,

Thomas W. Shives, Chief
Division of Water and Sewerage

STATE OF MARYLAND
Department of Health

February 2, 1968

Mr. Lloyd W. Gebhard, Regional Director
Federal Water Pollution Control Administration
Department of the Interior
918 Emmet Street
Charlottesville, Virginia 22901

Dear Mr. Gebhard:

Thank you for the two copies of Volume I, "The Cost of Clean Water." I read the report with great interest and already it has been extremely helpful to us in the justification of Maryland's proposed Comprehensive Water Pollution Control Act.

From my cursory examination, it appears that the cost estimates are very close to those we have developed. However, I have passed the report along to Mr. Thomas W. Shives and his staff with a request that they make a thorough analysis. Of course, their analysis cannot be completed until we receive Volumes II, III and IV. We would appreciate receiving them at the earliest possible time.

Sincerely yours,

James B. Coulter
Assistant Commissioner
Environmental Health Services

THE COMMONWEALTH OF MASSACHUSETTS
Water Resources Commission

February 7, 1968

Mr. Lester M. Klashman
Regional Director
Federal Water Pollution Control Adm.
John F. Kennedy Building
Boston, Massachusetts 02203

Dear Mr. Klashman:

Thank you for sending us a copy of "The Cost of Clean Water," Volume I, Summary Report. This report represents a lot of work, but based on information available, I question the accuracy of some of the figures which are summarized.

In my opinion, the Total Capital Outlays Needed for urban areas of Massachusetts as listed on page 11 as $200 million, are low. We estimate the costs as being between $400 and $500 million. I would appreciate receiving a break down of how the $200 million figure was arrived at so that we can see where the large difference is. We would also like to know what towns and cities are classified as urban areas.

This information is misleading as the entire state needs are not listed and there are many problems in rural areas as well. The financial needs of the smaller towns are more critical than some of the larger communities with a large tax base. In determining water pollution control needs, the entire state should be considered and not just urban areas.

Until such time as more information is available, we recommend these figures be used with caution.

Very truly yours,

Thomas C. McMahon
Director

TCM:RFG:B

STATE OF MISSOURI
The Department of Public Health and Welfare

February 8, 1968

Garry L. Fisk, P.E.
Acting Regional Program Director
Federal Water Pollution Control Administration
601 East 12th Street
Kansas City, Missouri 64106

This is in reply to your letter of January 24, 1968. We have reviewed the report entitled "The Cost of Clean Water." We believe that the cost estimates presented in the report are reasonably accurate.

Jack K. Smith
Executive Secretary
Missouri Water Pollution Board

JKS/ih

STATE OF NEVADA
Department of Health and Welfare

March 1, 1968

Mr. William B. Schreeder
Regional Director
Federal Water Pollution Control Adm. - USDI
100 McAllister Street
San Francisco, California 94102

Dear Mr. Schreeder:

The report entitled "Cost of Clean Water" contained far more cost information concerning projects than we have available for anticipated projects.

The basis for your cost estimate might be questioned, but at this time, we have no comments or corrections to offer on the report.

Very truly yours,

E. G. Gregory, Chief
Bureau of Environmental Health

EGG:mj

STATE OF NEW HAMPSHIRE
Water Supply and Pollution Control Commission

February 20, 1968

Mr. Lester M. Klashman
Regional Director
Federal Water Pollution Control Admin.
John F. Kennedy Federal Office Bldg.
Boston, Massachusetts 02203

Attention: Mr. Lester A. Sutton

Re: The Cost of Clean Water,
Vol. 1, Summary Report

Dear Mr. Klashman:

We appreciate receiving a copy of the report on "Cost of Clean Water," and take this opportunity to comment on its contents as follows:

1. The April 1967 Summary Sheet for New Hampshire shows total costs to meet classification requirements as $129,966,000. These estimates are based on preliminary engineering reports, final plans or bid prices. Revisions as of February 15, 1968 (increased construction costs and project alterations) bring estimated costs to $138,700,000.

2. Urban population in New Hampshire based on January 1, 1968 estimates is 515,000. This is over 100,000 in excess of the estimate as shown on Table 3.

A capital outlay of 35 million dollars as shown in the first column of Table 2, is completely unrealistic, and the entire table is so filled with inaccuracies as to be of little value, and possibly damaging to the total pollution abatement program, if used as an authorative source of information.

We regret that the Department of the Interior chose to ignore our tabulation of costs submitted in 1967, but for future reference we enclose our summary sheet referred to under 1.

Sincerely yours,

C. W. Metcalf, Director
Municipal Services

CWM/mfh

STATE OF NEW JERSEY
Department of Health

February 16, 1968

United States Department of the Interior
Federal Water Pollution Control Administration
Northeast Region
John F. Kennedy Federal Office Building
Boston, Massachusetts 02203

Attention: Mr. Lester M. Klashman, Regional Director

Gentlemen:

Thank you for your letter of February 2, 1968 and Volume I, Summary Report entitled "The Cost of Clean Water" dated January 10, 1968.

I realize that the Department of Interior was obligated to submit this report to the Congress by January of this year and that the report itself admits to a number of significant shortcomings.

It is my firm conviction that cost estimates for pollutional control, prevention and abatement cannot be determined by placing emphasis on review and analyses of national statistics, surveys, etc.

Such information can only be established after a total program plan including quality standards, water classification and program implementation has been developed and initiated by the States.

New Jersey has done this. In addition, we have funded $1,500,000 for regional engineering sewerage feasibility studies which have already provided us with the engineering and economic basis for the furtherance of multimunicipal regional water pollution control concepts. Cost analyses incorporated in these studies are obviously much more significant and valid, particularly since they relate directly to our program planning, than a series of statistics which may be totally unrelated to what New Jersey is attempting.

Based upon information obtained through these studies, together with our estimate of what the remaining several contemplated engineering studies will reveal, leads us to the conclusion that it will cost $800,000,000 during the next five years to construct trunk sewers, interceptors, force mains and treatment facilities. This will be necessary in order for New Jersey's water pollution program goals to be realized.

Regionalization is one of our principal aims. We have taken a firm stand in this regard and, as a matter of fact, have recently received a favorable court decision upholding our position. It takes great sums of money to build regional trunk lines, interceptors, outfalls, etc. to meet anticipated needs forty years hence. These costs are certainly reflected in the overall estimate furnished above. Whether other heavily populated States are as firmly committed to this concept of pollution control remains to be determined.

There are a number of other statements or items in the report that require clarification or correction. This is particularly significant because of developments that have occurred in New Jersey during the past several years as compared to information available through inventories made seven or eight years ago.

After we have had an opportunity to review Volumes II, III and IV, it would seem appropriate to meet with members of your staff to discuss ways of improving and refining next year's publication.

Very truly yours,

Richard J. Sullivan, Director
Division of Clean Air and Water

STATE OF NEW YORK
Department of Health

April 10, 1968

Mr. Lester M. Klashman
Regional Director
Federal Water Pollution Control Administration
Northeast Region
John F. Kennedy Federal Building
Boston, Massachusetts 02203

Dear Mr. Klashman:

The delay in responding to your request of February 2, 1968 for our comments on "The Cost of Clean Water, Volume I, Summary Report" is sincerely regretted.

We are in agreement with the statement made by Secretary Udall in his letters of transmittal to the Congress that the report will not settle conclusively the complex and difficult question of the cost of water pollution control. It will, however, point up the financial and practical magnitude of the problem.

Since the information supporting the findings in the report is contained in the more detailed reports (Volume II, III and IV) which are not yet available to this office, it is not possible to determine how the cost estimates were computed. It is of course, recognized that the costs are not all inclusive as is admitted in the study.

Without the benefit of the supporting data and assuming that the means of estimating are valid and complete it would be the opinion of the New York State Department of Health that the study is a point of beginning which should become more accurate and realistic in succeeding years.

With particular reference to Table 2 on page 11 we are not in agreement with two of the estimates shown for New York State. They are as follows with the comparable New York State estimate.

	($ Millions)	
	Report	New York Estimate
Total (current Dollars)	$1,070.2	$2,065
Upgrading of Facilities	266.0	500.9

Comparable figures for the capital outlays in New York State delineated in the last three columns of the Table are not available.

If the comparison of costs is similar throughout the nation, the estimate in the Summary and Conclusions of $8.0 billion (exclusive of land and associated costs) to construct municipal waste treatment plants and interceptor sewers would then appear to be totally inadequate.

The opportunity afforded this office to review and comment on the report is appreciated.

Very truly yours,

John C. Haberer, P.E.
Acting Assistant
Commissioner

STATE OF NORTH CAROLINA
Department of Water and Air Resources

August 15, 1968

Mr. F. R. Blaisdell
Deputy Regional Director
Middle Atlantic Region, FWPCA
U. S. Dept. of the Interior
918 Emmet Street
Charlottesville, Virginia 22901

Dear Mr. Blaisdell:

Reference is made to your letter of August 7, requesting our comments on reports relating to The Cost of Clean Water.

We have reviewed the reports in question and have no comments to offer with respect to the material presented. The cost estimates given in these reports for North Carolina seem to be in line with our own projections. We appreciate receiving copies of these reports and wish to thank you for the opportunity of reviewing them.

Sincerely yours,

E. C. Hubbard
Assistant Director

STATE OF NORTH DAKOTA
State Department of Health

October 30, 1968

Mr. John M. Rademacher
Acting Regional Director, Missouri Basin
Federal Water Pollution Control Administration
Department of the Interior
911 Walnut Street, Room 702
Kansas City, Missouri 64106

Re: Reviewal of Publication Entitled,
"The Cost of Clean Water"

Dear Mr. Rademacher:

This Department has reviewed the publication entitled, "The Cost of Clean Water" and the information contained relative to the State of North Dakota appears to be reasonable as to estimates of future costs for waste treatment, operating costs, and other such information.

Sincerely,

Norman L. Peterson, Director
Division of Water Supply and
Pollution Control

NLP:ls

STATE OF OKLAHOMA
State Department of Health

March 20, 1968

Mr. William C. Galegar
Regional Director
Federal Water Pollution Control Administration
U. S. Department of the Interior
South Central Region
1402 Elm Street - Third Floor
Dallas, Texas 75202

Dear Mr. Galegar:

In reply to your letter of February 21, 1968, concerning the publication, "The Cost of Clean Water," the following comments are indicated.

In Table 2, Page 11, the total cost indicated for construction of municipal waste treatment facilities was 60.5 million dollars. On the basis of our current records as indicated in the revised form FWPCA-131 submitted to your office November 16, 1967, this figure should be 78.8 million dollars. The breakdown information as shown in Table 1 for this amount is not, however, available in our records and we would assume this is based on national averages.

In Table 3, Page 12, the population figure for those with collection systems and no treatment plant should be revised downward from 163,000 to 4547, since Ryan, Bixby, and Coweta are the only remaining towns with no treatment. These communities all have projects in various stages of planning. The difference could be proportioned between the columns entitled, "Adequate" and "Less than adequate" as an estimate pending a plant by plant evaluation with respect to adequacy.

If further information is needed, please feel free to call upon us.

Very truly yours,

Loyd F. Pummill, Chief
Environmental Health Services

LFP:peh

COMMONWEALTH OF PENNSYLVANIA
Department of Health

February 7, 1968

Mr. Lloyd W. Gebhard
Regional Program Director
Federal Water Pollution Control Administration
U. S. Department of the Interior
918 Emmet Street
Charlottesville, Virginia 22901

Dear Lloyd:

Thank you for an opportunity to review the booklet entitled "The Cost of Clean Water".

The costs for sewage treatment are similar to estimates we recently made for a ten year program. These estimates were $393 million. Recently however, we have received comments from consulting engineers that bids are coming in at 15% to 20% above estimates. I do not know if this is a local problem or if it is nationwide. In addition, the municipalities and industries in the Delaware estuary area have indicated that costs for achieving the water quality standards will be twice that estimated by the Federal Water Pollution Control Administration's Delaware Estuary Comprehensive Study.

Both of these sources indicate that for one reason or another, waste treatment costs are increasing more rapidly than general construction cost indices would indicate. With this in mind, it appears that both of our estimates are optimistically low.

Another cost that should be included is the cost for tertiary treatment of municipal wastes. We consider tertiary treatment as any treatment that would normally provide more than 85% BOD reduction and will remove other constituents, such as phosphate, that cannot be removed by ordinary secondary treatment of sewage. Cost estimates are difficult to make because of a lack of cost data and because parallel water resources development for low flow augmentation makes determination of needs difficult. The costs, including the Delaware estuary, may exceed $200 million. Operation costs are frequently several times the annual operating costs. The needs fall into three principal categories; BOD reduction, nutrient reduction and treatment of difficult industrial wastes, particularly colored wastes. Nutrient reduction needs will increase most rapidly because of reservoir construction.

A bried rundown of tertiary treatment areas and needs follow: (Downstream to upstream)

A. Delaware River Basin

1. Delaware Estuary - BOD and nitrogenous compounds
2. White Clay Creek - Nutrients
3. Brandywine Creek - BOD
4. Ridley Creek - BOD
5. Darby Creek - BOD
6. Schuylkill River - BOD in Reading area and from confluence of Perkiomen Creek to mouth
    - a. Wissahickon Creek - BOD and nutrients
    - b. Valley Creek - BOD
    - c. Perkiomen Creek - BOD and nutrients
    - d. Manatawny Creek - Nutrients
    - e. Antietam Creek - BOD
    - f. Tulpehocken Creek - Nutrients above Blue Marsh Reservoir
        - (1) Spring Creek - BOD
    - g. Maiden Creek - Nutrients
7. Pennypack Creek - BOD
8. Neshaminy Creek - BOD and nutrients
9. Tohickon Creek - BOD and nutrients
10. Lehigh River - BOD and nutrients. Nutrients principally to protect the Delaware.
11. Martin's Creek - BOD and color
12. Delaware River above Tocks Island Dam - Nutrients
13. Lake Wallenpaupak Watershed - Nutrients

B. Susquehanna Basin

1. Conestoga Creek - BOD
2. Codorus Creek - BOD and color
3. West Conewago Creek - BOD
4. Swatara Creek - Nutrients above Swatara Gap Dam
    - a. Quittapahilla Creek - BOD
5. Conodoquinet Creek - BOD and nutrients
6. Raystown Branch of the Juniata River - BOD and nutrients
7. Frankstown Branch of the Juniata River - BOD and color
8. Lackawanna River - BOD
9. Tunkhannock Creek - BOD
10. Sugar Creek - BOD
11. Tioga River - Possibly nutrients
12. Cowanesque River - BOD, color and nutrients
13. Spring Creek - BOD and nutrients

C. Potomac Basin

1. Piney Creek - BOD
2. Rock Creek - BOD
3. Conococheague Creek - BOD

D. Lake Erie Basin

1. All - Nutrients, BOD on some tributaries

E. Monongahela Basin

1. Turtle Creek - BOD
2. Youghiogheny River

    a. Sewickley Creek - BOD
    b. Jacobs Creek - BOD
    c. Casselman River

        (1) Coxes Creek - BOD

3. Peters Creek - BOD
4. Redstone Creek - BOD
5. Tenmile Creek - BOD

F. Allegheny Basin

1. Pine Creek - BOD and Nutrients
2. Kiskiminetas - Conemaugh

    a. Blacklick Creek - BOD

3. Bear Creek - BOD
4. Clarion River - BOD, color and nutrients

    a. Elk Creek - BOD and nutrients

5. French Creek - BOD
6. Brokenstraw Creek

    a. Hare Creek - BOD

G. Ohio River - BOD

1. Beaver River

    a. Connoquenessing Creek - BOD and nutrients

2. Chartiers Creek - BOD

This tabulation is not complete. It does, however, show that tertiary treatment needs now exist or soon will exist throughout most of the state. Nutrient control needs generally relate to discharges upstream from existing lakes and reservoirs or proposed reservoirs.

A really concerted effort is needed to establish usable tertiary treatment methods. We are trying to get this done on Neshaminy Creek at present and will rapidly work throughout the state. One thing is clear, tertiary treatment will be needed to meet water quality criteria in these areas unless the criteria are reduced to less than desirable levels. We do not choose to use this alternative.

If there are any questions concerning this letter, please contact me.

Sincerely yours,

Walter A. Lyon, Director
Division of Sanitary Engineering

STATE OF SOUTH CAROLINA
State Board of Health

August 13, 1968

Mr. Eugene T. Jensen, Regional Program Director
Federal Water Pollution Control Administration
Department of the Interior, Middle Atlantic Region
918 Emmet Street
Charlottesville, Virginia 22901

Attention: Mr. Frank R. Blaisdell

Dear Sir:

I have your letter of August 7, 1968, to Mr. Linton on cost estimates. Sorry the original request was buried under program reports, grant requests, etc.

As to cost estimates, it seems to me that one man's estimate is apt to be as far off as another's. My only point of question would be the S C section of Part IV, where it appears that towns without sewers are lumped with towns without adequate treatment. This seems to distort the figures.

Would also point out that at least 20% of the population of the metropolitan area of Charleston, Columbia and Greenville is served by privately owned sewage collection and treatment systems.

By direction of W. T. Linton, Executive Director, Pollution Control Authority, and Director, Division of Sanitary Engineering.

Very truly yours,

George A. Rhame, Assistant Director
Pollution Control Authority

GAR:ae

STATE OF SOUTH DAKOTA
State Department of Health

February 28, 1968

Garry L. Fisk, P.E.
Acting Regional Director
Federal Water Pollution Control Administration
601 East 12th Street
Kansas City, Missouri 64106

Dear Mr. Fisk:

This is to acknowledge receipt of the report, "The Cost of Clean Water", Volume 1, Summary Report, and copies of Volume 3.

Volume 1, which is a summary of the major findings and conclusions of the more detailed reports (Volumes 2,3, and 4), has been reviewed and we have the following comments".

1. Table 2 has been checked and our estimates at this time would be:

Total (Current) Dollars	Total (Constant) Dollars	Upgrading of Facilities	Constructing Facilities For Untreated Wastes	Increases in Urban Population	Allowances for Depreciation
18.0	16.1	4.3	4.3	4.0	3.5

2. Table 3 has been checked and our estimates at this time would be:

Total Urban Pop. (Includes All Towns)	Population Served by Facilities			% of Pop. With Less Than Adequate or None
	Adequate	Less Than Adequate	None	
409	289	86	34	29.3

3. Table 5 has been checked and our estimates at this time would be:

Design Pop.	Primary Type of Treatment	Secondary Types of Treatment	
		Activated Sludge	Stabilization Ponds
0 - 999	-	-	$ 68
1,000 - 4,999	-	-	41
5,000 - 9,999	-	-	-
10,000 - 24,999	-	-	-
25,000 - 49,999	-	-	-
50,000 - 99,999	-	41	-
100,000 - and up	-	-	-

4. It is recommended that Tables 6,7,8 and 9 include data for Animal Feed Lots. As noted on page 36 of the Report, this is a growing problem, particularly in a State such as South Dakota.

5. We believe that our per capita costs as compared to those shown in Table 5 are not out of line, due to lower labor and material costs in this area. Our estimates are based upon contract letting data over the period 1957-1967.

Very truly yours,

Charles E. Carl, Director
Division of Sanitary Engineering

CEC:jb

STATE OF UTAH
Utah State Division of Health

February 15, 1968

Mr. William B. Schreeder, Regional Director
Federal Water Pollution Control Administration
100 McAllister Street
San Francisco, California 94102

Dear Mr. Schreeder:

We have reviewed the report entitled "The Cost of Clean Water" Volume I, which you submitted to us for this purpose.

From our review and with specific reference to Tables 2 and 3 (on pages 11 and 12 respectively) it is noted that a considerable difference exists between the information reported for Utah and our current file information. Some of this difference is undoubtedly the result of your agency having used 1962 inventory data, but the Table information is identified as current. We request, therefore, that the information in Table 3 for Utah be changed to read as follows:

Total Urban Population (Sewered)	- 857,000
Population Served by Adequate Treatment Facilities	- 783,000
Population Servey by Less Than Adequate Treatment Facilities	- 56,000
Population Served by No Treatment Facilities (None)	- 18,000
Percent of Population with less than Adequate or no Treatment Facilities	- 8.6%

It is further requested that the information on Table 2 for Utah be changed to read as follows:

Total (Current Dollars)	$20.0 Million
Total (Constant Dollars)	18.5 Million
Upgrading of Facilities	3.0 Million
Constructing Facilities for Untreated Wastes	4.0 Million

Increases in Urban Population	$8.0 Million
Allowances for Depreciation	3.5 Million

We appreciate the opportunity and invitation to review and comment on this report at this time.

Sincerely yours,

UTAH WATER POLLUTION COMMITTEE

Lynn M. Thatcher
Executive Secretary

CKS:cw

STATE OF VERMONT

April 5, 1968

Mr. Lester M. Klashman
Regional Director
FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
U. S. Department of the Interior
John Fitzgerald Kennedy Building
Boston, Massachusetts

Re: "Cost of Clean Water"
Volume I - Summary Report

Dear Mr. Klashman:

This office has reviewed the subject report provided by you with your letter of February 2, 1962. Needless to say, this Department takes gross exception to the reflection this report has of the status of pollution control in the State of Vermont, of the costs to be incurred between now and 1971 and in the per capita cost of waste treatment facilities.

We have taken detailed information from our files and developed parallel information to that contained on Tables 2, 3 and 5 of the "Cost of Clean Water," Volume I. Such information is attached as Enclosure A.

It is my feeling that such documents as the "Cost of Clean Water" could better serve their purpose if the most accurate figures available at federal, state and local levels were used in their development. This office is most willing to assist in this regard.

Sincerely,

Commissioner

RAL/bg

STATE OF WYOMING
Department of Public Health

February 5, 1968

Mr. Garry L. Fisk
Acting Regional Director
Federal Water Pollution Control
Adminiatration
601 East 12th Street
Kansas City, Missouri 64106

Dear Garry:

This will acknowledge receipt of the report "The Cost of Clean Water" and your request for comments on this report.

My first reaction to the reported figures is that they are quite high for the State of Wyoming. The total need (Constant Dollars) for the State of Wyoming for the period 1969 - 1973 is given as 9 million dollars. Referring to the project register, since 1956 we have constructed 55 projects which represents approximately two-thirds of the municipal installations in the State. These 55 projects represented a total cost of 7.33 million dollars. From these figures, it can be observed that the 9 million dollar need would very nearly replace all existing installations in the State. It certainly is not indicated that this large an expenditure is needed. In my opinion, the most questionable figure is the need for "increases in Urban Population" shown as 4.5 million dollars. The State of Wyoming has lost 170,000 population since 1960. Unless some major industrial complexes develop, there is nothing to indicate a change in this population trend.

The figures in Table 3 compare favorably with the populations served by the upgrading projects now underway. In most cases these are replacement of facilities approaching obsolescence. Even with existing facilities it is impossible to detect actual degradation of water quality in most cases.

Very truly yours,

Arthur E. Williamson
Director
Division of Sanitary Engineering

AEW/cw

COMMENTS FROM INDUSTRIAL ORGANIZATIONS ON THE COST OF CLEAN WATER

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UNITED STATES
DEPARTMENT OF THE INTERIOR
FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
WASHINGTON, D.C. 20242

April 26, 1968

Dear

The purpose of this letter is to transmit to you for your reaction and comments a series of reports on the national costs of controlling water pollution. These reports have been prepared by and for the Federal Water Pollution Control Administration and transmitted to the Congress in response to amendments to the Federal Water Pollution Control Act which were incorporated in the basic legislation by the Clean Water Restoration Act of 1966. This letter is being sent to the 15 organizations on the enclosed list. The reports are being sent to you under separate cover.

One four-volume set of these reports, entitled The Cost of Clean Water, is being sent. Volume I is the summary report. Volume II contains a more detailed analysis of municipal, industrial, and other costs associated with waste and drainage controls. Volume III comprises ten "industrial waste profiles," consisting of special studies on waste treatment sources and treatment costs for several categories of manufacturing. These ten special studies were prepared by experts in the field of industrial waste treatment. Volume IV shows estimated municipal costs for States and major river basins. We feel that the four volumes which make up The Cost of Clean Water report present the most thorough and comprehensive study of waste treatment costs for water pollution control yet prepared.

This study must be updated annually to be most useful, and the Act requires that we do so. In this process we are seeking to improve our cost estimates, particularly in regard to the industrial aspects. It is most desirable that we develop a more complete picture encompassing such important variables as the distribution of costs among categories of processing industries according to size and age of plant, variations in manufacturing processes and differences associated with geographic area and urban-metropolitan or rural setting. It is apparent that these factors may well have a significant effect on the choices for water pollution control and their associated costs. We are also extremely interested in the experience of manufacturers who obtain waste treatment service from municipalities or other local governments.

In addition, we are forwarding copies of three other studies which have just been completed and sent to the Congress. One report is a study of the projected five-year cost of carrying out the Federal Water Pollution Control Act, as amended. The other two studies, both of which were prepared under contract, include an analysis of economic incentives for industry and a study of the economic impact of the costs of sewage treatment plant construction on State and local governments. Although we do not subscribe entirely to the comments and findings of the last two studies, we feel they provide thoughtful examination and commentary on the subjects.

We would very much appreciate your comments on any or all of these reports, especially as they relate to the industrial area. We are particularly interested in receiving your comments on the four-volume The Cost of Clean Water and the economic impact study because these reports are required to be updated and sent to the Congress each year and your participation in providing information will be extremely useful to us in increasing the accuracy of these reports. Accordingly, your suggestions and help in developing data and information for our use in updating these studies will be most welcome.

Sincerely yours,

Joe G. Moore, Jr.
Commissioner

UNITED STATES
DEPARTMENT OF THE INTERIOR
FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
WASHINGTON, D.C. 20242

September 3, 1968

Dear

This is in further reference to my letter of April 26, 1968, in which I transmitted for your review and comment copies of several studies of water pollution control costs which had been transmitted to Congress earlier this year.

As I indicated in my letter, several of the studies are required by our legislation to be updated annually. I indicated also that in updating The Cost of Clean Water, the study of national requirements and costs of controlling water pollution from municipal, industrial, and other sources, we were particularly interested in obtaining your comments on our estimates of industrial pollution control costs. We recognize our first estimates are, at best, gross approximations of needed expenditures and we also recognize the need for refining these estimates both on the basis of further in-house studies and inventories and on the experiences of the industries involved. Accordingly, the purpose of this letter is to request that you indicate whether we may expect a response from your organization on the cost estimates report which would provide an input to our report to the Congress next January.

We will need your comments by September 30 in order to accommodate them in the January 1969 report. If you do not expect to provide a detailed response by September 30 but anticipate responding at a later date, we would appreciate being so informed.

As I have indicated on many occasions, the wholehearted cooperation of industry and government is one of the essential components of a successful water pollution control program. It is in keeping with this fundamental concept, therefore, that we request your cooperation in developing for Congress realistic estimates of financial requirements for controlling water pollution from industrial sources.

Sincerely yours,

Joe G. Moore, Jr.
Commissioner

AMERICAN TEXTILE MANUFACTURERS INSTITUTE, INC.

CHARLOTTE
WASHINGTON
NEW YORK

1501 JOHNSTON BUILDING, CHARLOTTE, N. C. 28202
TELEPHONE (704) 334-4734

May 13, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
United States Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

The reports you sent recently entitled "The Cost of Clean Water" are quite interesting and seem to be well done. I regret that I have not yet had time to study these as thoroughly as I would like, but I hope to get around to this very shortly.

We are quite interested in stream pollution abatement and more specifically industrial waste treatment. In fact, this organization appointed a special committee to study this matter, and the work that has been done so far has proved quite interesting although it is far from complete. This special committee sent out a questionnaire to a great number of textile operations several months ago, and as a result of this we have learned that the cost of treating waste released from textile finishing plants ranges from $1.00 to $218.00 per million gallons, with an average of $57.46 per million gallons. The $1.00 figure might well be a flat rate paid by that particular finishing plant, but several others reported costs of no more than $2.00 or $3.00 per million gallons.

A considerable number of mills receiving our questionnaire felt that we were only interested in waste treated and then released into a river or stream, and these companies did not report the cost of discharging their waste into a municipal system. Therefore, we do not have as much information in this direction as we would like to have, but we do hope to have more facts on this a little later on.

I hope to be able to give my attention to a more complete study of "The Cost of Clean Water" very shortly now, and afterward I will send you any additional thoughts I have. We certainly do appreciate your including us in the distribution of these reports.

Sincerely yours,

James S. Parker

JSP:dsp

AMERICAN TEXTILE MANUFACTURERS INSTITUTE, INC.

CHARLOTTE
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NEW YORK

1501 JOHNSTON BUILDING, CHARLOTTE, N. C. 28202
TELEPHONE (704) 334-4734

September 11, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
United States Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

Thank you for your letter of September 3 and for giving more details of your department's work in updating "The Cost of Clean Water." Since our correspondence earlier this year, I have been able to give further study to the books you sent on this subject, and I have found the written explanation and details well done.

As I indicated to you in my letter of May 13, we sent a questionnaire to a great number of textile operations during the early part of this year, but we found that quite a few of these felt that we were only interested in waste treatment and not in the details of discharging into a municipal system. We decided to send the questionnaire to this particular segment of the industry a second time and emphasize the importance of reporting the information we requested, regardless of what happens to their waste. This brought better results, and we are still receiving some of the returned questionnaires almost every day. This delay has meant that we have not been able to conclude this study nearly as soon as we thought we would, and I regret to report that we do not yet have the conclusions that we would like to report to you.

Therefore, I am going to follow the suggestion in the third paragraph of your letter and say that we will have to make our detailed response at some date after September 30. I am sorry that the situation had developed in this manner, but I do not believe whatever we could give at this time would be of any real value.

We want you to know that we appreciate the good work you are doing, and it is our intention to cooperate with you in every way possible. I expect that we will be able to conclude our study within the next month or so. It may be that we will be able to write again and send you some of our findings in time for your report to Congress after all.

Sincerely yours,

James S. Parker

JSP:dsp

THE NATIONAL INDUSTRIAL CONFERENCE BOARD
INCORPORATED
845 THIRD AVENUE, NEW YORK, N.Y. 10022
Telephone (212) 759-0900

May 24, 1968

Mr. Joe G. Moore, Jr., Commissioner
United States Department of the Interior
Federal Water Pollution Control Administration
Washington, D.C. 20242

Dear Mr. Moore:

Thank you for sending me the series of reports on national costs for controlling water pollution. Information derived from industry sources indicates that complete data on the cost of pollution abatement is vital to the success of any such program. Indeed, The Conference Board initiated a pioneering study on capital expenditures for pollution abatement in order to help provide some of the information needed and is currently updating this project. Hopefully, we shall also learn more about expenditures on research and engineering for pollution control which will provide another dimension to our knowledge on the subject.

However, as you pointed out in your letter, there is a need for more information about the cost to industry if meaningful control is to be realized. Large, round figures represent an important first step, but they give many businessmen a sense of frustration since they fail to throw sufficient light on the costs individual companies must face. These costs, as you observed, tend to vary according to geographic location, age and size of plant, and nature of product. What is needed, according to comments we have received from leading corporate executives, is a study which would provide detailed cost information on a plant-by-plant, industry-by-industry basis. Public policy regarding incentives, penalties, or other methods calculated to expedite solutions to the pollution problem cannot be readily or fairly designed in the absence of such information.

If you feel that The Conference Board can be helpful to you as you pursue your worthy objectives, please feel free to let us know.

Cordially,

Thomas J. Diviney
Vice President

TJD:ge

American Association of
Textile Chemists and Colorists

September 18, 1968

Hon. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Adm.
United States Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

We plan to discuss "The Cost of Clean Water" as it refers to the textile industry with our Stream Sanitation Committee RA58 at the November meeting. This will be the first chance we will have to get a good response from our membership.

We have written them and requested comments but do not feel that they all have seen the study. We therefore will have to respond to your inquiry after September, 1968.

Sincerely yours,

T.A. Alspaugh, Chairman RA 58
Stream Sanitation Committee

American Association of
Textile Chemists and Colorists

December 20, 1968

Hon. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
U.S. Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

We have delayed acknowledgment of your letter of September 3, 1968 requesting information on the cost estimates contained in The Cost of Clean Water until we could discuss this thoroughly with appropriate officials of our Association.

While we much appreciate the opportunity to comment on cost data, we have not developed this type of information. If such data are to be released by textile mills, we are of the opinion that the information should be released by the mill group rather than through a technical and scientific society such as AATCC.

With best wishes,

Sincerely yours,

George P. Paine
Executive Secretary

THE SOAP AND DETERGENT ASSOCIATION
TECHNICAL AND MATERIALS DIVISION
485 MADISON AVENUE NEW YORK, N. Y. 10022
TELEPHONE (212) 751-6080

September 12, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
U.S. Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

We would like to contribute to the background material you are collecting for updating "The Cost of Clean Water".

Our Association is deeply involved, as you know, in the clean water picture. However, our thrust and direction is aimed at the problems with product residues and the disposal of products vended by the industry when used by others. We do not, therefore, involve ourselves in the waste aspects of the manufacturing processes and related plant waste problem.

Our member companies involve themselves in the Manufacturing Chemists' Association, the National Association of Manufacturers, the U.S. Chamber of Commerce, as well as a wide variety of specialized groups, depending upon the manufacturing mix of the individual company. These include the National Council for Stream Improvement as well as the American Petroleum Institute and similar groups.

As you well know, we stand ready to cooperate in any way that we can do so. The comment that our members are represented in the manufacturing wastes area through other Associations is, we assure you, no attempt to transfer the burden. If you feel that we can furnish any other information which would be useful to you in updating "The Cost of Clean Water," we'd be pleased to hear further from you.

Cordially,

Charles G. Bueltman
Vice President and Technical Director

OGB/pg

Tanners' Council
of America, Inc.

A. MEYER, JR.
PRESIDENT
CHARLES T. McCARTHY
TREASURER
IRVING R. GLASS
EXEC. VICE-PRESIDENT
HERBERT F. MILLER
SECRETARY

411 FIFTH AVENUE • NEW YORK, N. Y. 10016
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September 23, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
U.S. Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

I must apologize for our delay in sending you detailed comment on the studies you had forwarded to me April 26, 1968. Our delay has been caused only by our effort to assimilate your comprehensive studies and to give you informed and reasoned comment.

We certainly want to cooperate with you to the fullest possible extent. The correlated problems of industrial waste disposal and clean water are extremely important to the tanning industry of the United States. For several years research and engineering studies of these problems have been a major aspect of the program of the Research Laboratory we maintain at the University of Cincinnati.

In appraising the cost projections of your studies I have tried to extrapolate our own industry experience. A number of tanneries in various areas have in recent years either installed or modernized water treatment and disposal systems. Based on the practical experience of the industry I have found that our past thinking and engineering appraisals have all been much too low. In effect, we have under-estimated current costs of meeting modern objectives and standards.

We realize that the tanning industry is a comparatively small sector of the gross industrial problem. However, if our experience is any guide, potential capital outlays generally will be of a larger order than either industry or public authorities have assumed. If we cannot do so before September 30th we shall send you within the next month detailed cost and capital estimates for our own industry. At this time I can only suggest that the capital costs developed in your studies are very probably on the low side. The data and information available to us is, of course, minute in comparison with the extensive analysis of your Administration. However, we have been consistently dismayed at the practical magnitude of cost in every instance where realistic implementation of sound objectives has been sought.

I should like to compliment your Administration on the caliber of your studies. These should certainly aid Congress in recognizing the scope of the problem before the nation and in supporting a long range program which can fuse national and industrial interests.

Sincerely yours,

Irving R. Glass
Executive Vice President

irg/mr

NATIONAL CANNERS ASSOCIATION
1133 - 20TH STREET, NORTHWEST
WASHINGTON, D. C.

OFFICE OF THE EXECUTIVE VICE PRESIDENT

September 26, 1968

Mr. Joe G. Moore, Jr.
Commissioner
U.S. Department of the Interior
Federal Water Pollution Control Administration
Washington, D.C. 20242

Dear Mr. Moore:

On September 9, 1968 I wrote you stating that cost estimates on pollution control for the canning industry would be available by September 30. It is a great disappointment that I must report that the data has not been finalized and can not be submitted at this time. As soon as this material is available, I will forward it to your office immediately.

I again would like to thank you for the many opportunities we have had to work with your organization.

Sincerely,

Milan D. Smith
Executive Vice President

MDS/mal

WASHINGTON
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AUTOMOBILE MANUFACTURERS ASSOCIATION, INC.

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ARJAY MILLER, CHAIRMAN
THOMAS C. MANN, PRESIDENT
RUSSELL E. MacCLEERY, ADMINISTRATIVE VICE PRESIDENT

September 17, 1968

Mr. Joe G. Moore, Jr.
Commissioner
Federal Water Pollution Control Administration
U.S. Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

I am replying to your letter of September 3 on behalf of Mr. James D. Johnston, to whom it was addressed. This correspondence makes reference to your letter of April 26 which submitted several studies of water pollution control costs and asked for industry comment on your estimates of industrial pollution control costs.

The volume of material submitted has made it impossible to complete a review of it, partly because we are in the process of some reorganization of our own staff and committee structure which would be involved in a consideration of this type of subject.

We are not prepared to offer any comment before September 30 but if we can do so within a reasonable period after that date we will forward the comment to you.

Sincerely,

William F. Sherman
Group Manager - Technical

WFS:ds

American Iron and Steel Institute
150 East Forty-Second Street
New York, N.Y. 10017

ERNEST KIRKENDALL
VICE PRESIDENT

September 27, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
United States Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

In your letter of April 26, 1968, to Mr. John P. Roche, you asked for comments on several reports, including "The Cost of Clean Water," Volume III, Industrial Waste Profile No. 1, Blast Furnaces and Steel Mills.

In general we believe that this report is excellent in presenting water pollution abatement in the steel industry. Steel mills were constructed over a period of many years with each addition to the mill being tailored to fit the geography and specific product requirements. Therefore, there is no typical set of conditions that can represent the entire industry. Of necessity, the author has used judgment in arriving at overall figures for water usage and treatment practices.

It is, therefore, not possible to subscribe entirely to the information in the report since a somewhat different judgment factor might be applied by each reviewer.

When one forecasts future pollution loads, one is faced with an even more complex problem. With the efforts being made by the steel industry to control water pollution and the efforts being made by your department and various state regulatory agencies in assuring a viable water pollution abatement program, many of us believe that future years will show less pollutants coming from our steel plants even with increased production of steel. Once again, this is a matter of judgment. We can only hope that our optimistic view of the future turns out to be more accurate than the rather pessimistic view in the report.

If you would care to discuss sections of the report in some detail, a group from the American Iron and Steel Institute would be happy to meet with your personnel.

Yours very truly,

Ernest Kirkendall

national council
OF THE PAPER INDUSTRY
FOR AIR AND STREAM IMPROVEMENT, INC.

September 27, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
United States Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

In reply to your letter of September 3rd, 1968, the National Council will not be in a position to comment by September 30th on your study "The Cost of Clean Water". Your letter of April 26th was referred to a Committee for action. This group which just met recently has instructed the staff members from the National Council and the American Paper Institute to arrange a meeting with the Federal Water Pollution Control Administration to determine how the information available to the industry can be put to use in up-dating the subject study.

Dr. Isaiah Gellman, Asst. Technical Director of the National Council will be contacting your office shortly for an appointment.

While we will not be able to submit comments in time for the 1969 Report, I am sure that whatever information is developed as a result of the above meeting will be of use in the 1970 Report.

Yours very truly,

Ernest J. Bolduc, Jr.
Executive Secretary

EJB:dlr

TELEPHONE HUDSON 3-6126

Manufacturing Chemists' Association, Inc.

(FOUNDED 1872)

1825 CONNECTICUT AVENUE, N. W.
WASHINGTON, D. C. 20009

GEORGE H. DECKER
General, U.S.A. (Ret.)
PRESIDENT

September 26, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
United States Department of the Interior
Washington, D.C. 20242

Dear Commissioner Moore:

Since receiving your letter of August 29, I have had my staff again contact our Water Resources Committee regarding a review of The Cost of Clean Water, in particular the profile report on water pollution control in plastics materials manufacturing which was the only branch of the chemical industry covered specifically in the initial study. This review is currently in progress, but it does not appear feasible to complete it by September 30. I would be pleased if you would give this matter any further emphasis and guidance you feel appropriate when you meet with the Committee on October 9, and we will do our best to get detailed comments to you within a week or two thereafter.

In respect to your currently continuing studies bearing on the chemical industry, Mr. Edwin Johnson of your staff has already been in touch with several of our Committee members concerning a similar report on organic chemicals manufacturing. My staff representative to this Committee, Mr. Harry E. Robbins, has already given assurance that he will assist in coordinating the review of it. The opportunity to work with your people on these reports prior to their publication will be very much appreciated.

Now approaching completion is an MCA survey of its membership which includes investment and operating expenditures for water pollution control. There will be no specific data in reference to particular product lines; however, plastics materials manufacture, which accounts for a substantial percentage of the chemical industry, is included. We hope the overall information will be both useful and impressive. From the outset of this project, it has been our intention to share this information with you as soon as it is ready for release.

I share your strong interest in fostering cooperation between government and industry, having spent most of my life in Federal service before coming to MCA several years ago. I will be pleased to do whatever I can to facilitate our working together.

Sincerely,

G.H. Decker

TELEPHONE HUDSON 3-6126

Manufacturing Chemists' Association, Inc.

(FOUNDED 1872)

1825 CONNECTICUT AVENUE, N. W.
WASHINGTON, D. C. 20009

GEORGE H. DECKER
General, U.S.A. (Ret.)
PRESIDENT

November 11, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
United States Department of the Interior
Washington, D.C. 20242

Dear Commissioner Moore:

Supplementing my letter of September 26, 1968, this is in further reply to your invitation of August 29 to review The Cost of Clean Water report submitted to the Congress early this year.

The industry specialists who carried out our review confined their attention to the profile study on plastics materials and resins, inasmuch as that was the only part of the initial studies that concerned chemical manufacturing. Their views are summarized in the enclosed commentary.

The comments are intended as constructive guidance for refinement of cost information as those cost studies continue in the future. I am confident you desire frankness, and will accept them in that light.

Thank you again for extending the opportunity for this review, and also for the opportunity to have industry representatives consult with your staff on the current year's study pertaining to organic chemicals manufacture, now scheduled for next week.

Sincerely,

G.H. Decker

Enclosure

Commentary by the Manufacturing Chemists Association
concerning Profile No. 10 on Plastics Materials and Resins
The Cost of Clean Water (1968)

1. As a general characterization, the waste treatment processes on which cost estimates are based tend to be more academic than representative of current industrial practices.

2. For polyethylene and most of the higher polymer types, the principal waste problem is removal of dispersed solids.

3. Estimated waste loads appear valid as to general order of magnitude, but averages for old, middle-aged, and new plants can be misleading if an attempt were made to apply these data to any particular plant.

4. Reliance on short-term BOD (Biochemical Oxygen Demand) measurements for such wastes is unreliable, since in many instances there may be substantial ultimate oxygen demand as indicated by COD (Chemical Oxygen Demand) with relatively little BOD. Accordingly, wastewater renovation cost estimates as reported are probably low, perhaps in some cases only about half what actual costs would be.

5. In reference to melamine resin wastes, properly operated incineration should not lead to air pollution problems.

6. Respecting phenolic resin wastes, use of a holding tank or other means to accomplish more uniform rate is a part of good pre-treatment practice.

AMERICAN PETROLEUM INSTITUTE
1101 SEVENTEENTH STREET, NORTHWEST
WASHINGTON, D. C. 20036

P. N. GAMMELGARD, VICE PRESIDENT
ENVIRONMENTAL AFFAIRS

TELEPHONE
202-296-0300

December 10, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Adm.
U.S. Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

The American Petroleum Institute appreciates the opportunity to comment on behalf of the oil industry on your department's reports, "The Cost of Clean Water."

As you know, a meeting was held on November 4th in Washington with Messrs. E.L. Johnson, A. Hirsch, and F. Stein, representing FWPCA, and Messrs. W.A. Burhouse, H.F. Elkin, J.S. Baum, R.N. Simonson, and the writer, representing API. The purpose of the November 4th meeting was twofold:

(1) To discuss comments received from various members of the oil industry committees who have reviewed "The Cost of Clean Water" reports and Volume III, Profile 5, "Petroleum Refining," in particular, and

(2) To informally present the results of the API Refinery Effluent Profile survey to members of your staff.

The frank exchange of views between FWPCA and API representatives was most productive and mutually informative. The results of the "1967 Domestic Refinery Evaluation Profile" survey conducted by API were of interest to members of your staff and should provide useful guidance in any future activities designed to gain further understanding of industrial pollution control operations.

Copies were given to your staff during the meeting on November 4th, and the thought was expressed that after adequate time had been given to review the report in detail that another meeting be held. A copy of the report is attached for your reference.

Overall, comments received from API member companies commended the breadth and scope of this initial effort by FWPCA to qualitatively and quantitatively evaluate major industrial waste categories and to estimate anticipated costs for continued abatement efforts. Various questions were raised, however, concerning the approaches selected and the study methodology employed. For example, the API Refinery Effluent Profile survey may suggest alternative evaluation routes to your staff other than the approach employed in your initial effort. The oil industry comments on your department's reports, disucussed at the November 4th meeting with your staff, are summarized in Appendix A.

We are also attaching a copy of a recently completed Report on Air and Water Conservation Expenditures of the Petroleum Industry, which includes an up-to-date summary of oil industry costs for control of refinery effluents.

We look forward to future contacts and meetings with members of your staff. A free exchange of ideas and open discussion of problems should result in earlier attainment of the goal of clean water.

Sincerely,

P.N. Gammelgard
Vice President
Environmental Affairs

Attachments

APPENDIX A

SUMMARY OF COMMENTS BY THE AMERICAN PETROLEUM INSTITUTE CONCERNING THE FWPCA PUBLICATION "THE COST OF CLEAN WATER" (1968)

Volume I - Summary Report

1. The total costs projected for anticipated "Industrial Treatment Plants" (table 1, page 9) represent a useful initial overall estimate. It is assumed that improved definition of industrial waste treatment objectives and further detailed studies of industry groups not reported in Volume III, Profiles 1-10 will permit more comprehensive estimates of total industrial requirements.

2. The derivation of the industrial waste data reported for "Petroleum and Coal" in table 6, page 21, is unclear. What proportion of the reported wastewater volume, biochemical oxygen demand and settleable and suspended solids are represented by refinery effluents? Since Volume III, Profile 5 is confined to petroleum refining, it would be helpful to list the petroleum industry separately.

3. Although not entirely in agreement, the BOD data reported in the API Refinery Effluent Profile - 1967 is in the same order of magnitude as the value reported in the FWPCA Volume I, table 6. The overall values reported for settleable and suspended solids in table 6 appears high. Are these solids data corrected for plant intake water solids loadings?

Volume III - Industrial Waste Profile No. 5 - Petroleum Refining

A. General Comments

1. In the case of petroleum refining, the classification of "older", "typical" and "newer" technology may be an oversimplification. Historical age of a refinery is only one of many factors which may influence its waste load potential. Most "older" refineries have been modernized, at least in part, but often in progressive unit sequence. Because of this evolutionary stepwise updating of processing facilities, no two "modernized" refineries are necessarily similar. Moreover, water and waste handling systems may or may not be revamped in a particular refinery modernization. This latter factor is an important influencing variable in determining plant waste water loadings.

2. The concept of approximating overall plant waste loadings by the sub-process material balance approach has questionable validity as indicated by the unsatisfactory total estimates reported in Profile No. 5. The variability of individual unit process waste loads and

the contribution of non-process waste sources impair the reliability of this approach.

3. It is suggested that the concept of overall refinery processing complexity, as utilized in the API Refinery Effluent Profile Survey (topping, and cracking, integrated, etc.), coupled with the factors of refinery size and age may permit a more meaningful assessment of waste loadings.

4. Much of the waste water data presented in the text and in certain tables (E.I. tables 6 and 8) is unclear as to the extent of treatment represented. Treatment beyond gravity separation, including intermediate and biological, should be more clearly identified. Similarly, frequent references to discharge of specific waste water streams "to the sewer" are somewhat misleading. What is intended is that wastes are discharged to treatment facilities.

5. The text consistently refers to lack of effort to determine waste flows and characteristics for specific processes and operating units (pages 17, 30, etc.). Actually many refiners have attempted to perform material balance in-plant surveys with only mixed success.

B. Specific Comments

1. Page S-1 - In paragraph 1, introduction, the total 1963 petroleum refining annual payroll for 120,000 employees was not "$16 billion".

2. Page S-13 - The projection of increasing overall refinery waste loadings is questioned since waste loads are believed to be decreasing with new refinery construction and modernization of older facilities.

3. Page S-14 - In the third paragraph, the term "tertiary" is generally regarded as a stage of treatment rather than a particular type of waste treatment. In the fourth paragraph, under physical methods, stripping, filtration and centrifuging could also be included. In paragraph five, chemical methods could also include neutralization and air or chemical oxidation.

4. Page 10 - Finned-tube coolers, through which spent cooling water is passed, is mentioned as a means of reducing cooling water usage. Finned-tubular equipment is used more frequently for cooling hydrocarbon streams.

5. Page 20 - The discussion on oxygen demand suggests that a severe oxygen demand results from leaks of soluble hydrocarbons and sulfides. Actually, the solubility of most hydrocarbons is relatively low and sulfides are usually stripped from low-volume highly concentrated streams before discharge to the sewer system and terminal treatment facilities.

6. Page 30 - Paragraph two suggests that hydrocracking generates substantially lower pollution loadings than the processes it replaced. The reduced levels of sulfides and nitrogen compounds in the product streams could indicate rejection of higher levels of these waste components in the gaseous and waste streams before subsequent waste reduction or treatment.

7. Page 33 - Although trickling filters have been successfully used to treat refinery waste waters including phenolic compounds, it is questionable if they have been used extensively as suggested in the third paragraph.

8. Page 47 - Cooling and condensing waters are often segregated from process waste waters, contrary to the discussion in the second paragraph.

9. Page 47 - The converse of conveyance of municipal wastes to industrial treatment plants, as mentioned in paragraph three, is receiving equal attention. That is, the discharge of industrial wastes to municipal treatment facilities.

10. Table 6 - The concept of a "representative" 100,000 B/D refinery requires more definition as to complexity of processing, etc.

11. Table 13 - Similarly, the categorization of "small", "medium" and "large" refineries should be further classified by extent of processing employed.

12. Tables 15-18 - The attempts at generalized cost estimating and allocation are potentially useful but the high percentage of "unaccounted" costs in table 17 raise serious questions as to the validity of this sub-process cost analysis approach.

AMERICAN MEAT INSTITUTE

59 EAST VAN BUREN STREET • CHICAGO, ILLINOIS 60605 • WAbash 2-4686

September 24, 1968

Mr. Joe G. Moore, Jr., Commissioner
Federal Water Pollution Control Administration
United States Department of the Interior
Washington, D.C. 20242

Dear Mr. Moore:

This letter is in answer to your letter of September 3rd which arrived just prior to our Annual Convention and to your earlier letter asking for the views of the American Meat Institutue with respect to the four-volume report The Cost of Clean Water. An answer had been prepared responding to your earlier letter but apparently was mislaid and not sent. We are sorry for the delay.

We have reviewed volumes I, II and IV and have closely examined Industrial Waste Profile No. 8 covering the meat industry. We plan, therefore, to confine our comments to the meat industry report.

On the whole, the report appears to be reasonably well done considering the short time allowed to put it together. Apparently the authors' experience was mostly in the cattle slaughtering area, hence, significant wastewater sources which relate to hog slaughtering operations are not mentioned.

We are concerned by the failure to separate out the wasteloads generated by meat processing and manufacturing operations in multi-purpose plants while including the total wasteload from these plants expressed as gallons and pounds of BOD per 1000 pounds live weight killed along with wasteloads from strictly slaughtering plants.

The statement "Process water is not recirculated in the Meat Packing Industry," page S-5, is not accurate. For instance, this ignores extensive water reuse in inedible rendering cooker condensers and hog dehairing machines.

The Cost of Waste Treatment Facilities data (Table 27) appears to us to be unrealistic and presents misleading capital cost figures. For example, we know that a medium-sized plant channel-aeration treatment works could not be constructed for a figure nearly as low as $15,000. One hundred thousand dollars would be more reasonable. Further, the operating costs shown are open to question.

We believe the meat industry will find this report to be a useful addition to the survey literature previously made available through the efforts of the National Technical Task Committee on Industrial Wastes. As you may be aware, representatives of the meat industry devoted much time and effort in the preparation of the Meat Industry Waste Guides and the Water in Industry report of 1965. It is only because we have these reports that we are able to give a meaningful review of The Cost of Clean Water.

Our experience in conducting the meat industry portion of the Water in Industry report has made us aware of the extreme difficulties to be encountered in producing an authentic picture of this widely decentralized and complex industry.

We, and other former members of the National Technical Task Committee, recognize that abatement can only be accomplished at the local level, taking into account conditions found in the receiving streams and watersheds, the industries present and the municipal facilities available. This being the case, we have urged government agencies proposing studies that they be conducted so as to point toward solution of the individual watershed problems that in total make up our national problem.

Recognizing the mutual interests of the Water Pollution Control Administration and the American Meat Institute in finding answers to the many faceted waste problem, we thought you might want to know of our recent participation on the State Agricultural Experiment Station - USDA Task Force on the Quality of the Environment. We understand that this report detailing research needs to reduce pollution caused by, or affecting, agriculture and forestry and their related industries will be forthcoming shortly.

Donald MacKenzie, Director of our Department of Plant Operations, is responsible in our organization for handling this subject and you may wish to direct future communications on this subject to his attention.

Very truly yours,

AMERICAN MEAT INSTITUTE

Roy Stone
Vice President-Assistant Treasurer

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